

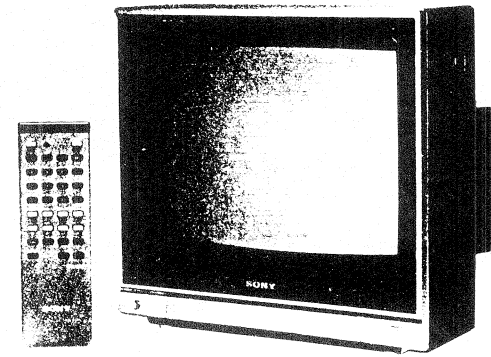
KV-2252ET-TX / KV-2252EC / KV-2256EC

RM-634

RM-635

RM-635

EC Model
Chassis No. SCC-660A-A

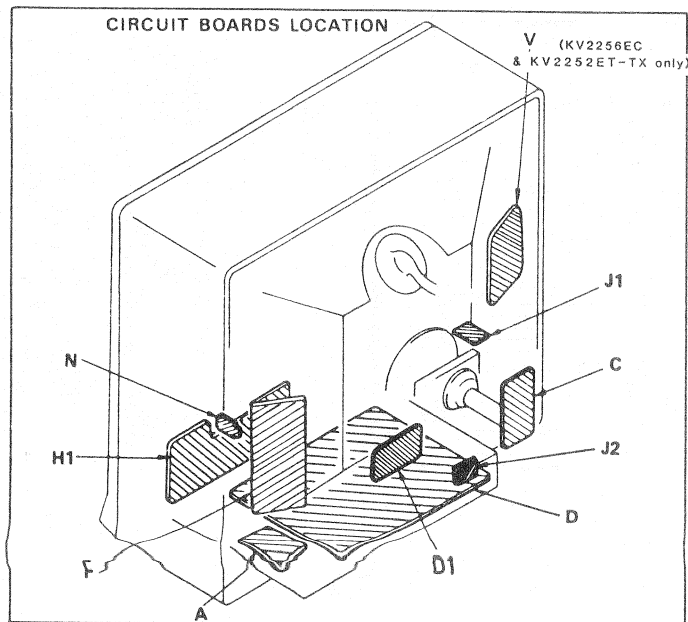


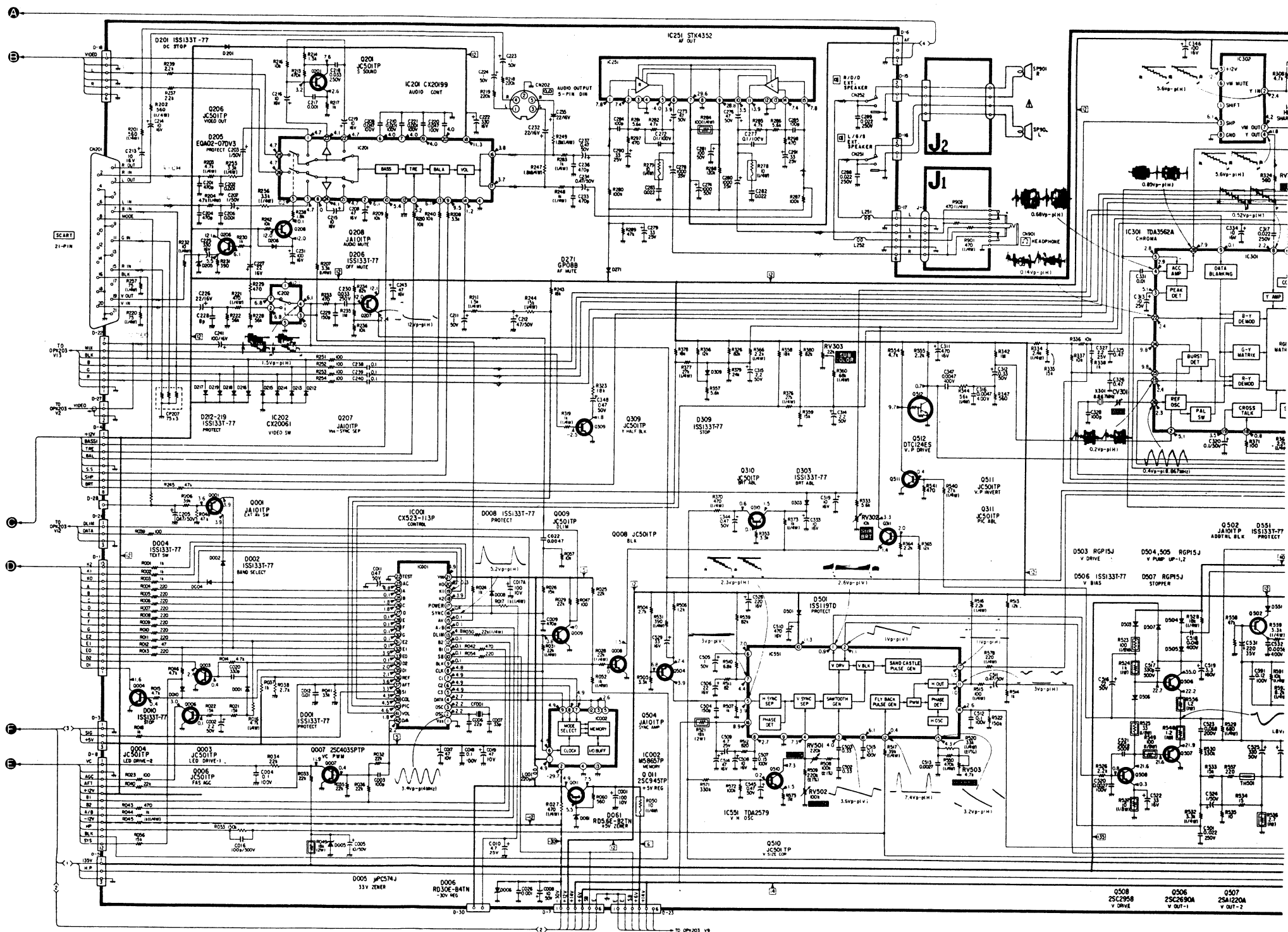
June, 1985

RX CHASSIS

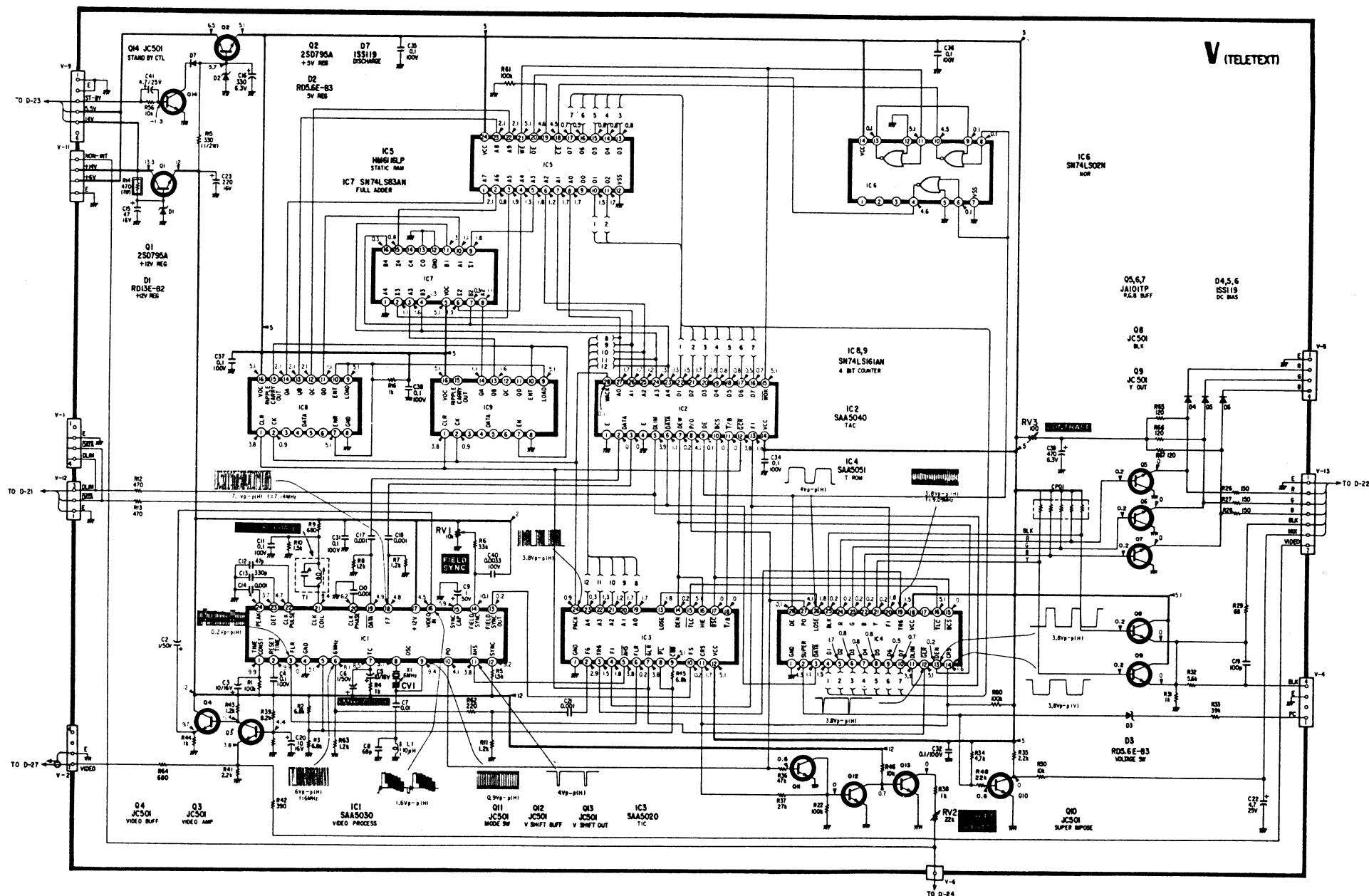
SPECIFICATIONS

Television system	CCIR system, B, G and H	Power requirements	220-240V ac, 50 Hz
Color system	PAL	Power consumption	125 W
Channel coverage	VHF channels E2 - U20 UHF channels E21 - E68	Dimensions	Approx. 567 × 545 × 445 mm (w/h/d)
Programing system	30 programmes Automatic programing digital tuning	Weight	Approx. 37 kg (81 lb 9 oz)
Picture tube	Approx. 56 cm (22 inches) 114-degree deflection Trinitron system (Approx. 53.8 cm screen measured diagonally)	Accessory supplied	Remoto commander RM635
Antenna	75-ohm standard aerial socket (IEC169-2)	RM-635	
Speakers	Two speakers Approx. 10 cm dia.	Remote control system	Infrared control
Audio output	5W+5W (with 10% harmonic distortion)	Power requirements	3 V dc
Input	21-pin connector in accordance with the requirements of CENELEC Standard	Dimensions	2 IEC designation R03 batteries (size AAA)
Outputs	Audio output connector (5-pin DIN) Recording output 1 mVrms/kilohm Line output Variable, 0-2 Vrms (max.) Impedance less than 1 kilohm External speaker terminals (2-pin DIN) For 8-16 ohm speakers Headphones jack (stereo phone jack)	Weight	Approx. 54 × 165 × 16 mm (w/h/d)
		Accessory supplied	Approx. 100 g including batteries IEC designation R03 battery (2)





[illegible]

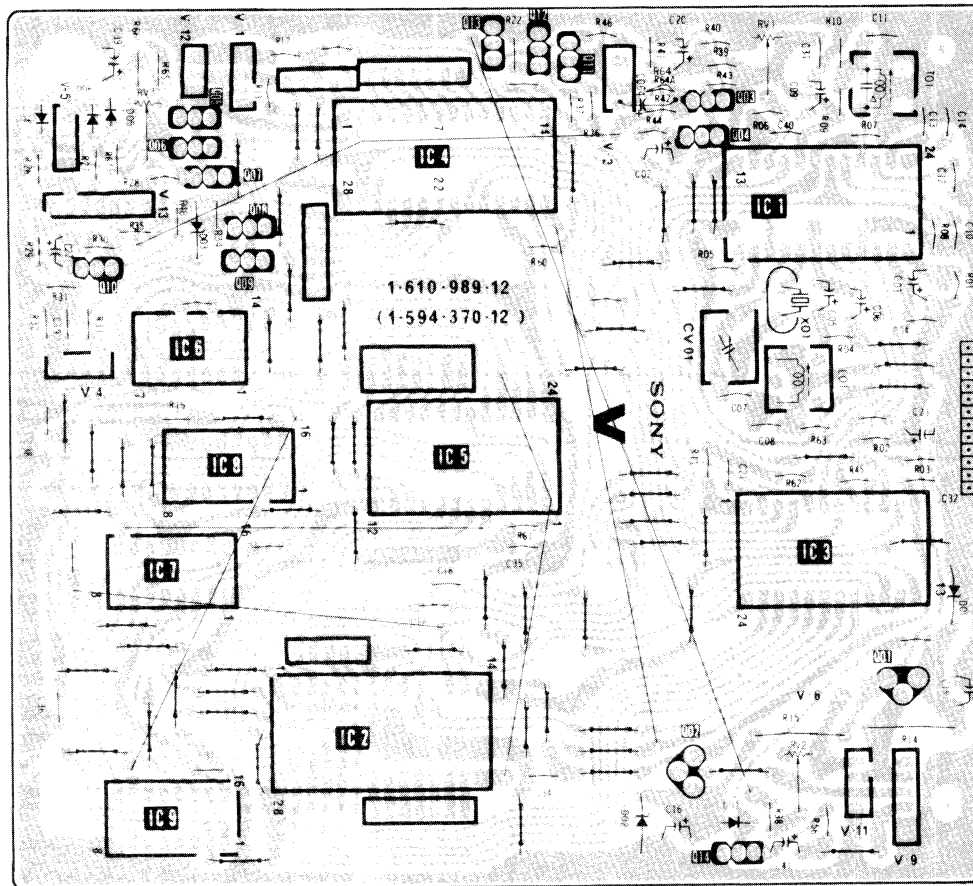
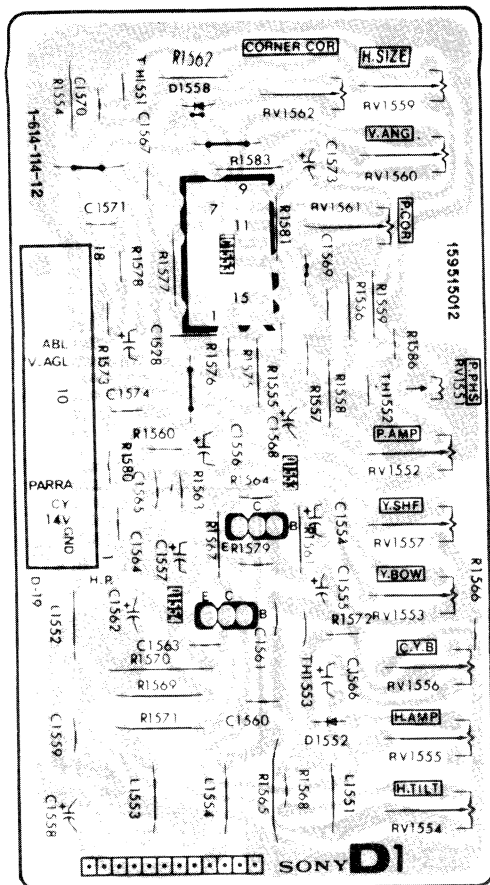


D1

[PIN CTRL, Y BOW]

V

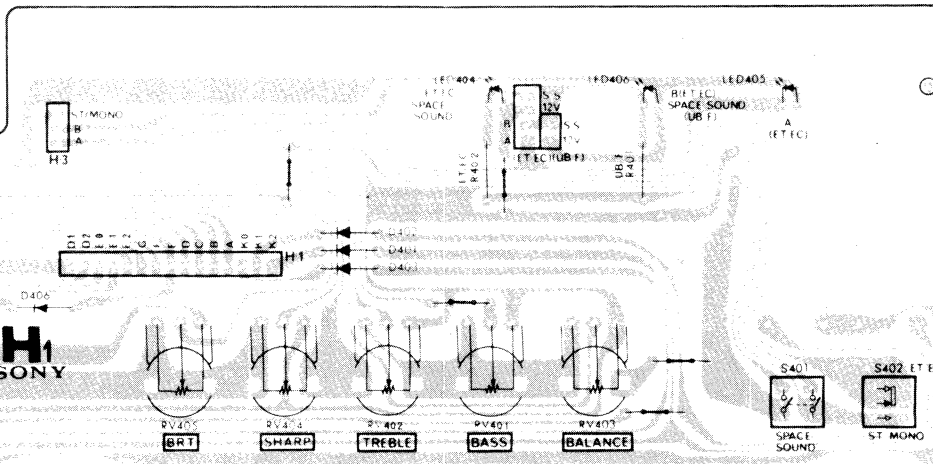
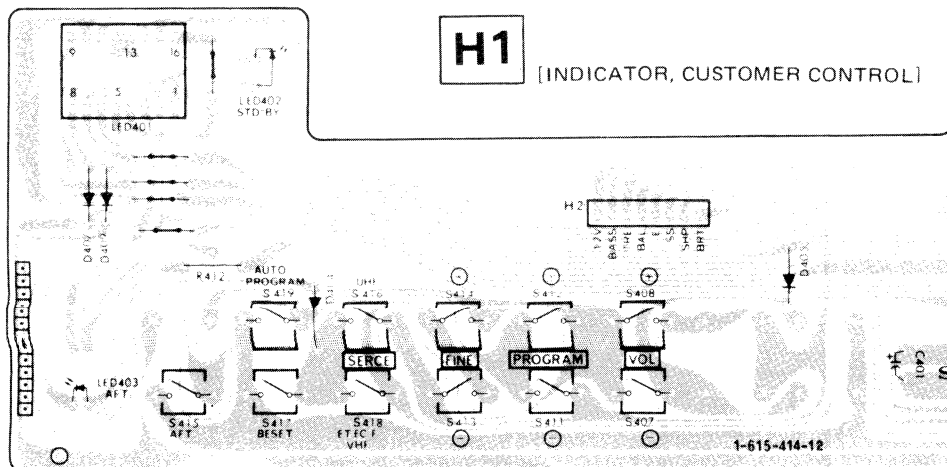
[TELETEXT]

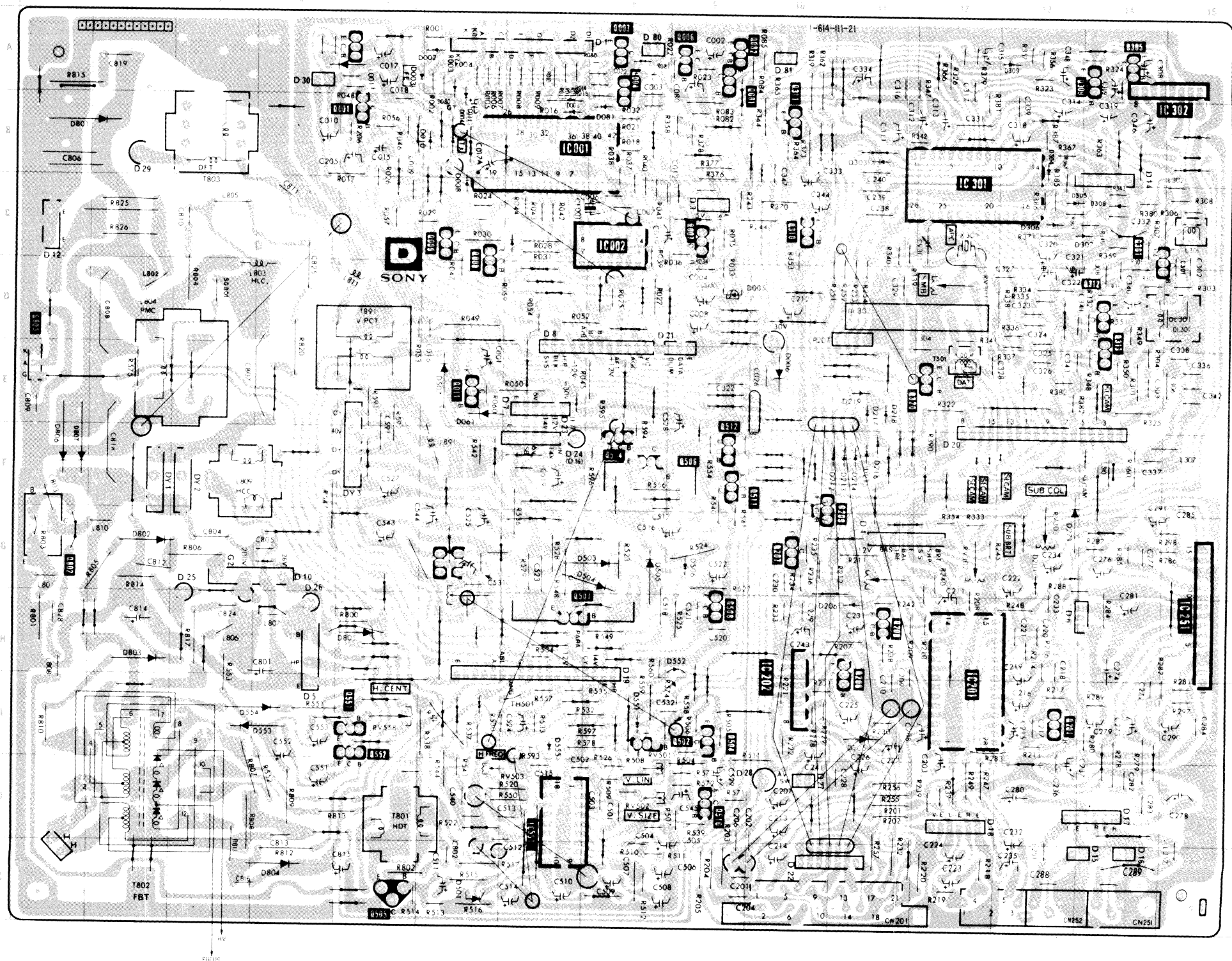


Q IC	D	ADJ
12		RV1
13		RV3
03	06	
05	04	
06	05	
07		
08	03	
09		
10		
IC6		CV01
IC5		
IC8		
IC3		
IC7	01	
01		
IC2		RV2
02		
IC9	07	
14	02	
Q IC	D	ADJ

H1

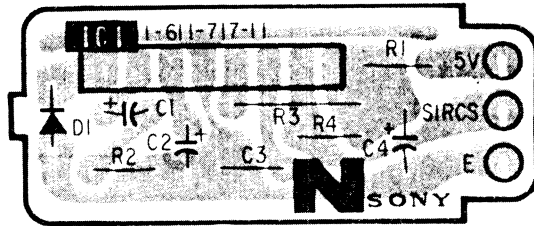
[INDICATOR, CUSTOMER CONTROL]



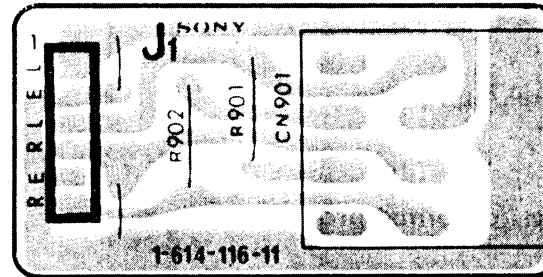


N

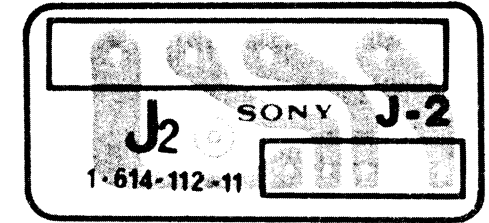
[REMOTE CONTROL HEAD AMP]



J1

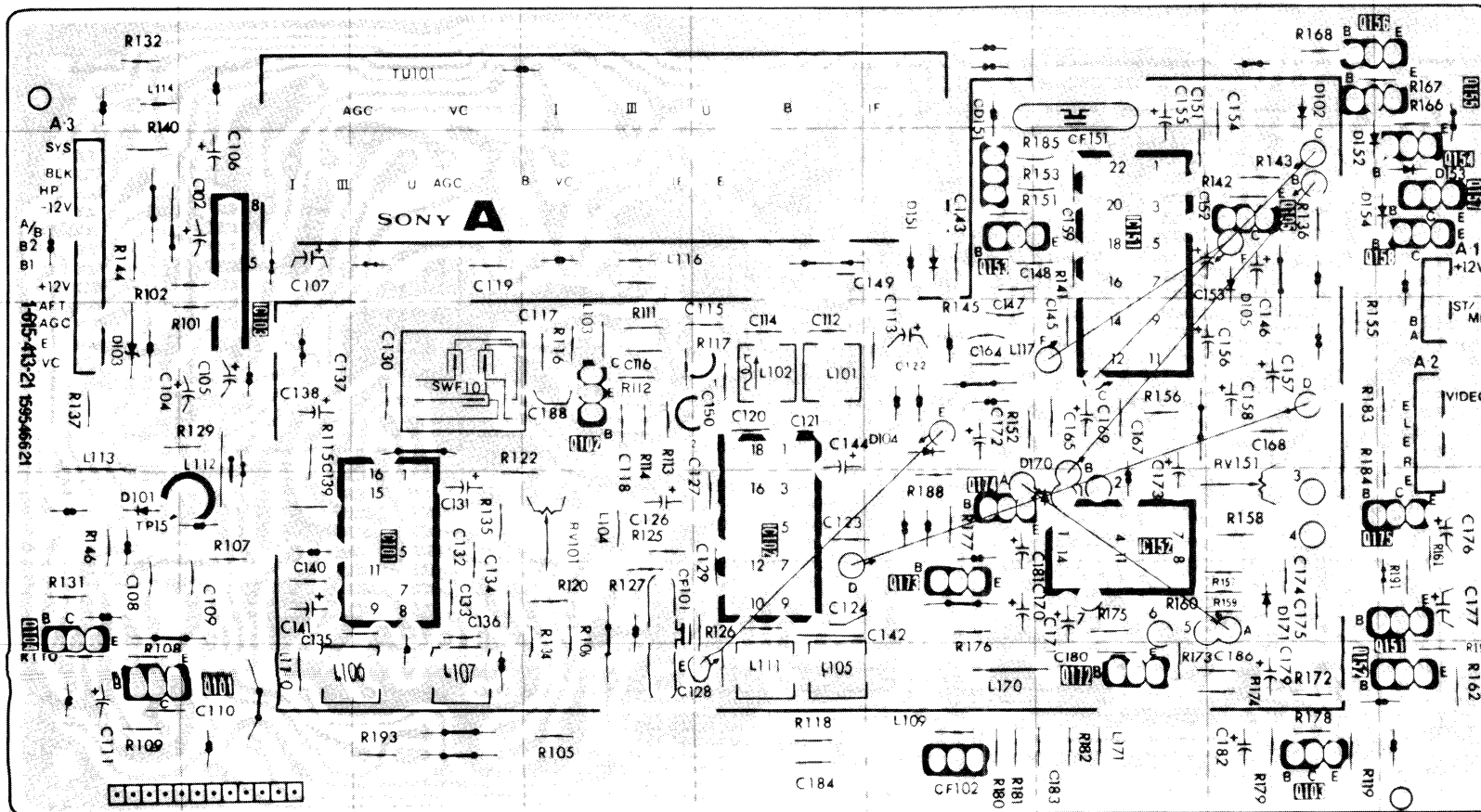


J2



A

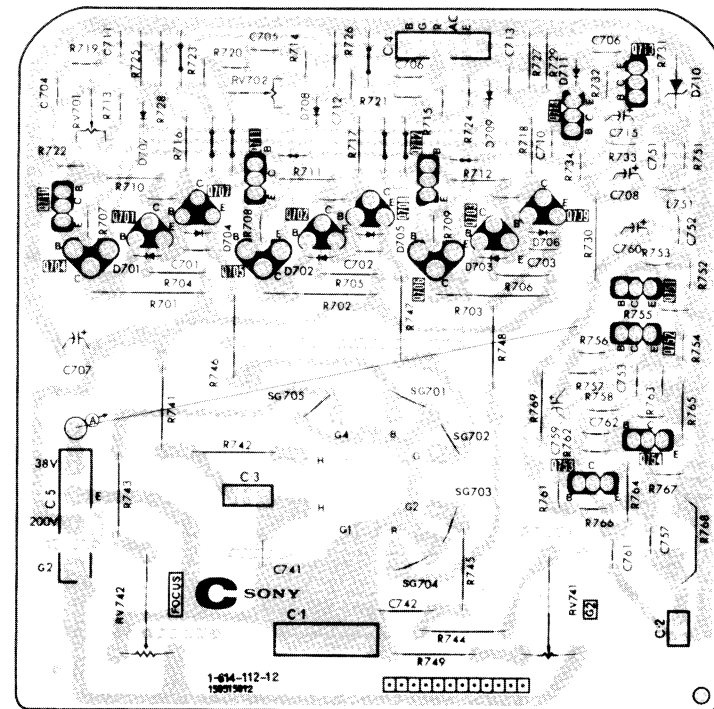
[BAND SW, QUASI, SIF/ID,
VIF, AFT, MATRIX]



[illegible]

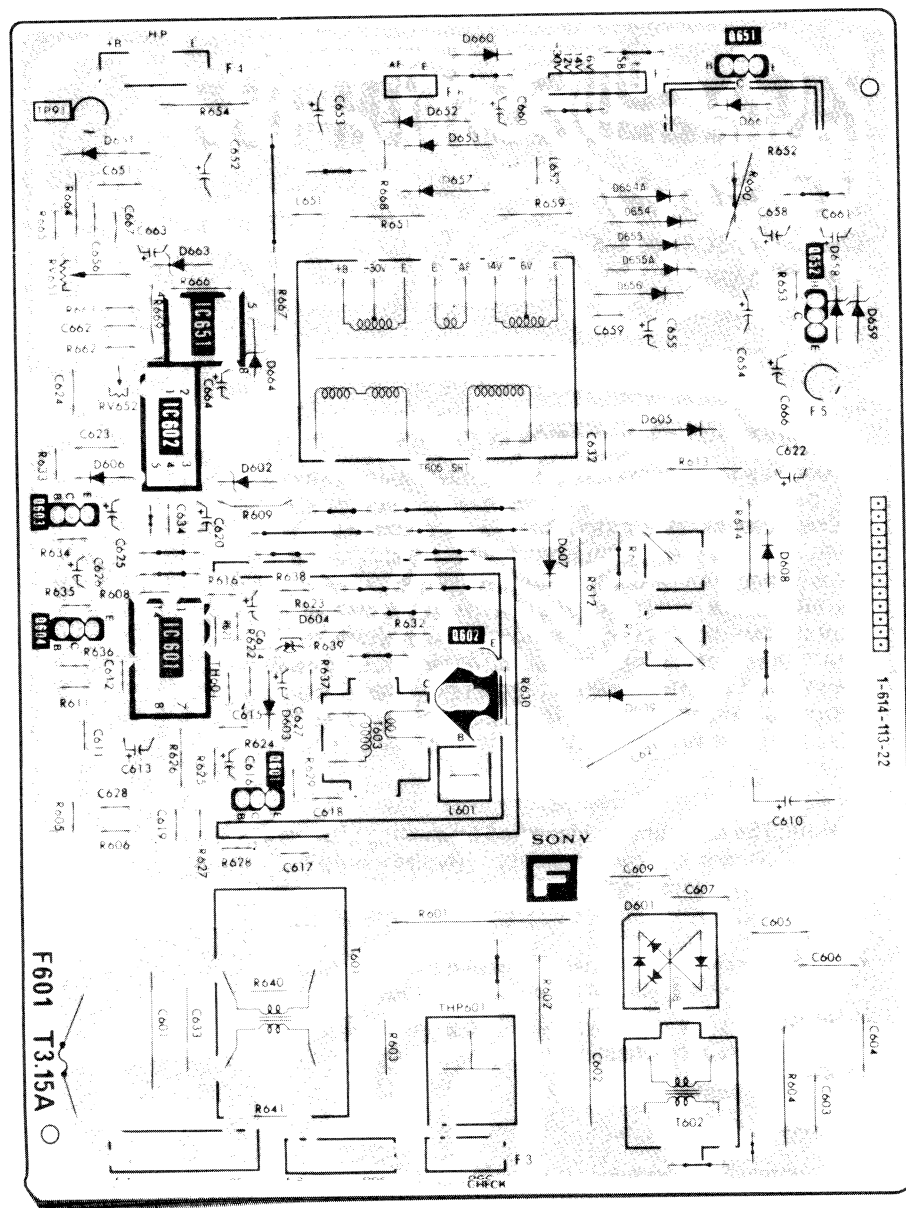
[R.G.B. OUT]

	RV701					RV702								
ADJ		RV742								RV741				
D		707 701	704			708 702	705			709 703	711 706		710	
Q		710,704	701	707	711 705	702	708	712 706	703	714 709		713		



F

(REG OUT)



EXPLODED VIEWS

NOTE:

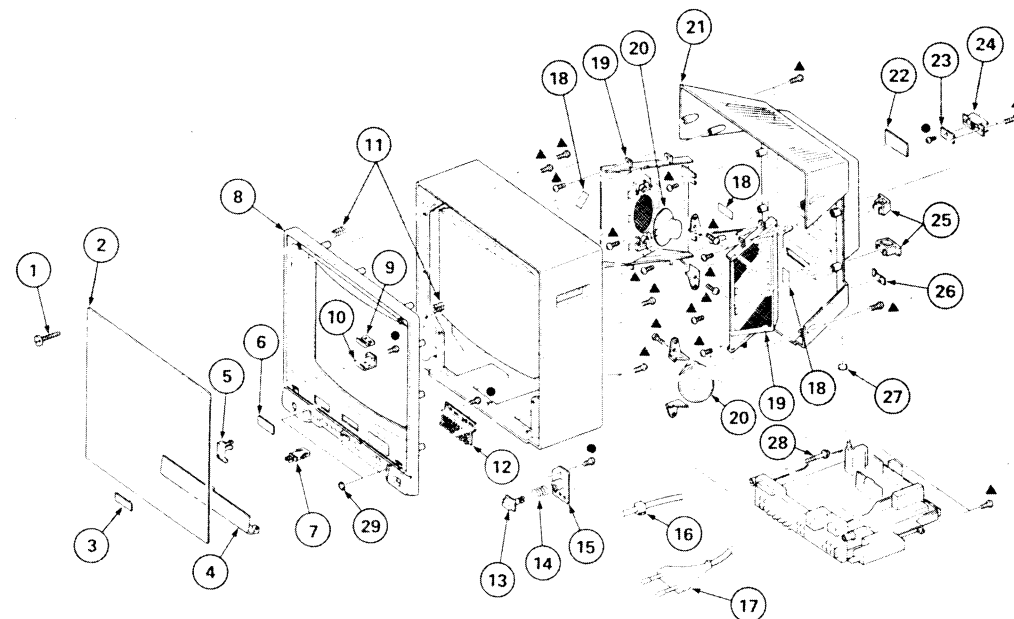
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

1. BEZEL

• :TA,BV 3x12 7-685-648-71

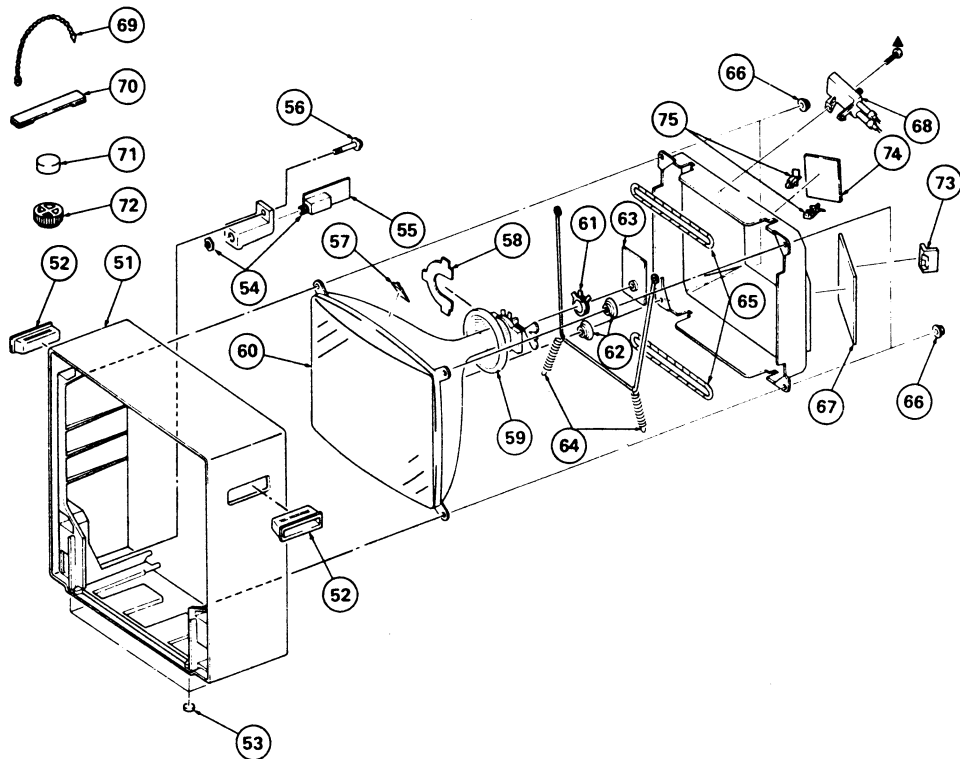
▲ :TA,BV 4x16 7-685-663-71



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-336-851-11	SCREW, ORNAMENTAL		16	▲ 4-022-115-01	HOLDER, AC CORD	
2	4-368-614-02	FILTER, GLASS		17	▲ 1-551-270-31	CORD, POWER	
3	X-3701-084-0	EMBLEM (LARGE) ASSY, SONY		18	3-831-441-XX	CLOTH, INSULATING	
4	4-362-225-61	DOOR, CONTROL		19	X-4362-203-2	PLATE ASSY, BAFFLE, SPEAKER	
5	4-362-203-00	SHAFT, DOOR		20	▲ 1-503-496-21	SPEAKER	
6	*4-362-289-00	PLATE, ORNAMENTAL, INDICATOR		21	4-368-603-21	COVER, BACK	
7	4-352-034-00	CATCHER, PUSH		22	*4-368-664-01	LABEL, MODEL NUMBER	
8	X-4368-607-5	BEZEL ASSY	4-7,9-11,29	23	*1-614-117-11	J2 BOARD	
9	4-336-808-00	PROTECTOR, FILTER		24	4-368-615-00	COVER, CONNECTOR	
10	*4-362-201-00	HOLDER, FILTER		25	4-316-003-00	HOLDER, CORD	
11	4-357-414-00	NUT (MAX20)		26	4-329-127-00	CLAMP, CORD	
12	4-368-612-11	BUTTON, MULTI		27	4-809-913-XX	FOOT, F	
13	X-4362-201-0	BUTTON ASSY, POWER		28	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
14	4-362-278-00	SPRING, COMPRESSION		29	4-314-871-00	CUSHION	
15	*4-362-206-00	HOLDER, POWER BUTTON					

2. CRT

▲ :TA,BV 4x12 7-685-661-14



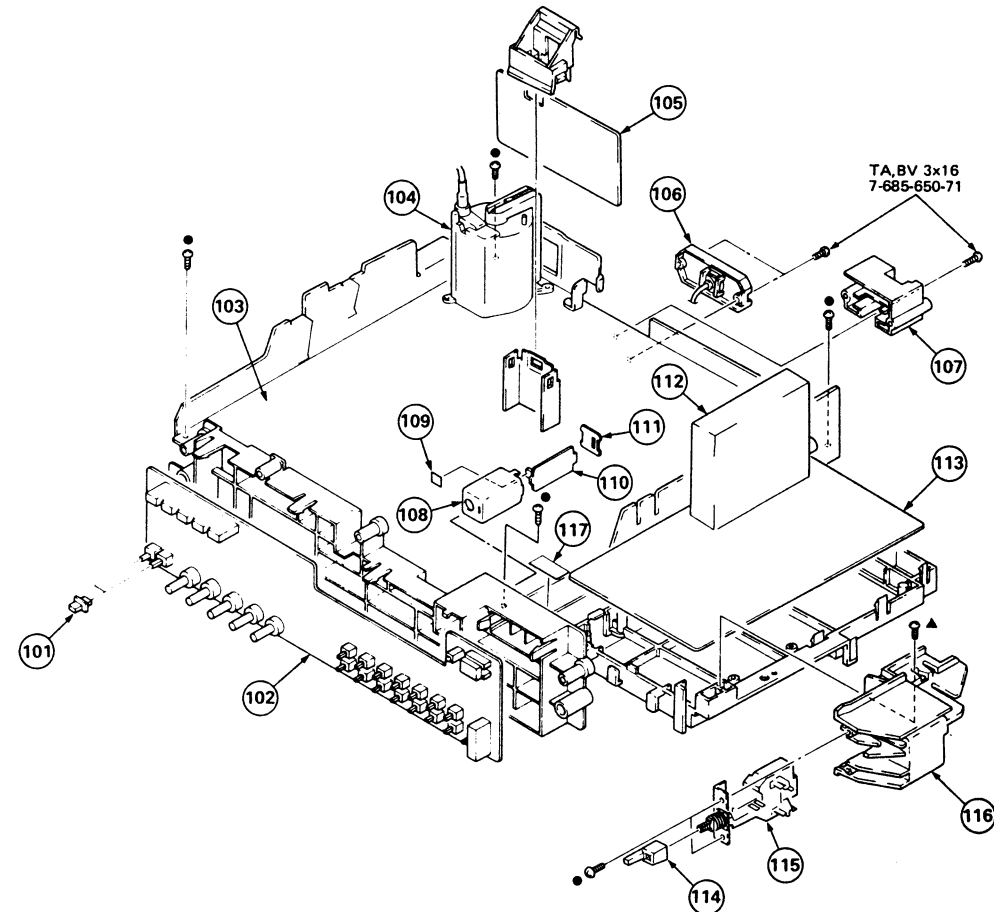
No.	Part No.	Description
51	X-4368-602-3	CABINET ASSY
52	4-318-207-21	HANDLE
53	4-809-913-XX	FOOT, F
54	1-507-657-00	JACK
55	*1-614-116-11	J1 BOARD
56	4-319-520-00	SCREW, SPECIAL (+PW4X30)
57	3-703-003-00	SPACER, DY
58	1-452-146-21	MAGNET, BMC
59	▲.1-451-242-31	DEFLECTION YOKE (SY-88S)
60	▲.8-735-751-05	CRT (A53J0W01X)
61	▲.1-452-316-11	CRT NECK ASSY (NA291)
62	4-368-634-00	WASHER
63	*A-1330-623-A	C BOARD, COMPLETE

Remark	No.	Part No.	Description	Remark
52, 53	64	4-303-774-XX	SPRING	
	65	▲.1-426-042-42	COIL, DEGAUSSING	
	66	4-306-034-00	FLANGE NUT, (B) 5MM	
	67	*A-1245-283-A	F BOARD, COMPLETE	
	68	▲.1-226-733-13	RESISTOR ASSY, HIGH-VOLTAGE	
	69	4-308-870-00	CLIP, LEAD WIRE	
	70	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
	71	1-452-032-00	MAGNET, DISK; 10MM Ø	
	72	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
	73	*4-375-709-01	COVER, FUSE	
	74	*A-1325-020-A	V BOARD, COMPLETE	
	75	*3-703-141-00	HOLDER, PCB	

3. CHASSIS

● :TA,BV 3x12 7-685-648-71

▲ :TA,BV 4x16 7-685-663-71



No.	Part No.	Description
101	4-362-211-00	PUSH BUTTON
102	*1-615-414-11	H1 BOARD
103	*A-1345-545-A	D BOARD, COMPLETE
104	▲.1-439-331-41	TRANSFORMER ASSY, FLYBACK
105	*A-1340-722-A	D1 BOARD, COMPLETE
106	▲.1-536-797-11	TERMINAL BOARD ASSY, ANTENNA
107	*4-368-616-00	BRACKET, CONNECTOR
108	*4-342-117-00	CASE, SHIELD (MAIN), R
109	*4-333-624-00	FILM (N), SPECIAL

Remark	No.	Part No.	Description	Remark
	110	*1-611-717-11	N BOARD	
	111	*4-342-118-00	L10, SHIELD CASE, R	
	112	▲.1-463-577-11	ET TUNER (BT-883A)	
	113	*A-1296-016-A	A BOARD, COMPLETE	
	114	4-368-611-00	CAP. SWITCH	
	115	▲.1-554-762-21	SWITCH, PUSH (AC POWER)(1 KEY)	
	116	*4-368-690-01	BRACKET, SW	
	117	3-831-441-XX	CLOTH, INSULATING	

ELECTRICAL PARTS LIST

Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

1 variable and adjustable resistors
ve characteristic curve B, unless
otherwise noted.

CAPACITORS
: μ F, PF : μ F

RESISTORS
• All resistors are in ohms
• F : nonflammable
COILS
• MMH : mH, UH : μ H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
				<u>DIODE</u>			
*A-1245-283-A	F BOARD, COMPLETE	*****		D601	8-719-503-06	DIODE S3WB60Z	
*4-323-833-00	HEAT SINK, PIN OUT			D602	8-719-100-65	DIODE RD12E-82	
4-365-216-00	SPACER, MICA			D603	8-719-911-19	DIODE 1SS119	
*4-368-683-01	SPRING			D604	8-759-157-40	IC UPC574J	
<u>CAPACITOR</u>				D605	8-719-924-06	DIODE ERC24-06S	
1-117-121-51	PAPER	0.22MF 20% 250V		D606	8-719-911-19	DIODE 1SS119	
1-117-119-51	PAPER	0.1MF 20% 250V		D607	8-719-911-19	DIODE 1SS119	
1-161-738-12	CERAMIC	0.0047MF 20% 400V		D608	8-719-911-19	DIODE 1SS119	
1-161-738-12	CERAMIC	0.0047MF 20% 400V		D609	8-719-305-15	DIODE GH3F	
1-161-738-12	CERAMIC	0.0047MF 20% 400V		D651	8-719-928-08	DIODE ERD28-08	
1-161-738-12	CERAMIC	0.0047MF 20% 400V		D652	8-719-924-06	DIODE ERC24-06S	
1-161-964-61	CERAMIC	0.0047MF 250V		D653	8-719-924-06	DIODE ERC24-06S	
1-161-964-61	CERAMIC	0.0047MF 250V		D654	8-719-901-93	DIODE V19E	
1-161-964-61	CERAMIC	0.0047MF 250V		D654A	8-719-901-93	DIODE V19E	
1-125-318-00	ELECT(BLOCK)	220MF 20% 400V		D655	8-719-901-93	DIODE V19E	
1-110-175-81	MYLAR	0.1MF 10% 100V		D655A	8-719-901-93	DIODE V19E	
1-130-022-00	FILM	0.0022MF 5% 50V		D656	8-719-924-06	DIODE ERC24-06S	
1-123-356-00	ELECT	10MF 20% 16V		D657	8-719-924-06	DIODE ERC24-06S	
1-123-356-00	ELECT	10MF 20% 16V		D658	8-719-102-74	DIODE RD6.2E-N2	
1-102-106-00	CERAMIC	100PF 10% 50V		D659	8-719-102-79	DIODE RD6.8E-N3	
1-123-369-00	ELECT	4.7MF 20% 25V		D660	8-719-911-19	DIODE 1SS119	
1-110-186-81	MYLAR	0.0047MF 10% 400V		D661	8-719-911-19	DIODE 1SS119	
1-102-030-00	CERAMIC	330PF 10% 500V		D663	8-719-102-74	DIODE RD6.2E-N2	
1-110-182-81	MYLAR	0.022MF 10% 250V		D664	8-719-100-65	DIODE RD12E-82	
1-123-332-00	ELECT	47MF 20% 16V		<u>CONNECTOR</u>			
1-136-065-00	FILM	0.0027MF 3% 2KV		F1	*1-506-349-21	3P PLUG (L)	
1-123-385-00	ELECT	22MF 20% 100V		F2	*1-508-765-00	3P PLUG (M)	
1-161-973-00	CERAMIC	220PF 10% 400V		F3	*1-508-786-00	2P PLUG (M)	
1-161-973-00	CERAMIC	220PF 10% 400V		F4	*1-508-765-00	3P PLUG (M)	
1-123-379-00	ELECT	0.47MF 20% 50V		F6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
1-123-381-00	ELECT	2.2MF 20% 50V		F7	*1-564-883-11	PLUG, CONNECTOR 6P	
1-123-380-00	ELECT	1MF 20% 50V		<u>FUSE</u>			
1-108-618-91	MYLAR	0.0022MF 10% 100V		F601	*1-532-465-31	FUSE 3.15A	
1-102-002-00	CERAMIC	680PF 10% 500V			1-533-149-00	HOLDER, FUSE; F601	
1-110-175-81	MYLAR	0.1MF 10% 100V		<u>IC</u>			
1-102-155-00	CERAMIC	330PF 20% 2KV		IC601	8-759-100-75	IC UPC1394C	
1-124-347-00	ELECT	100MF 20% 160V		IC602	8-719-800-82	DIODE TLP581	
1-123-364-00	ELECT	1000MF 20% 50V		IC651	8-759-145-58	IC UPC4558C	
1-123-606-00	ELECT	1000MF 20% 25V		<u>COIL</u>			
1-123-334-00	ELECT	220MF 20% 25V		L601	1-407-365-00	COIL, CHOKE	
1-102-038-00	CERAMIC	0.001MF 500V		L651	1-425-613-00	COIL, AIR-CORE, QF TYPE	
1-123-332-00	ELECT	47MF 20% 16V		L652	1-459-442-00	COIL (WITH CORE)	
1-102-112-00	CERAMIC	330PF 10% 50V		<u>TRANSISTOR</u>			
1-123-356-00	ELECT	10MF 20% 50V		Q601	8-729-195-82	TRANSISTOR 2SC2958	
1-123-333-00	ELECT	100MF 20% 16V		Q602	8-729-301-00	TRANSISTOR 2SD1497-02	
1-110-190-81	MYLAR	0.01MF 10% 400V		Q603	8-729-245-83	TRANSISTOR 2SC2458	
1-123-380-00	ELECT	1MF 20% 50V					
1-123-307-00	ELECT	100MF 20% 6.3V					
1-102-121-00	CERAMIC	0.0022MF 10% 50V					

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q604	8-729-204-83	TRANSISTOR 2SA1048GR		<u>VARIABLE RESISTOR</u>			
Q651	8-729-109-53	TRANSISTOR 2SD795A		RV651	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K	
Q652	8-729-245-83	TRANSISTOR 2SC2458		RV652	1-226-702-00	RES, ADJ, METAL GLAZE 2.2K	
<u>RESISTOR</u>				<u>TRANSFORMER</u>			
R601	*1-217-328-11	WIREWOUND 2.7 10% 7W F		T601	*1-421-758-11	TRANSFORMER, LINE FILTER (LFT)	
R602	*1-244-945-91	CARBON 1M 5% 1/2W		T602	*1-421-412-11	COIL, FERRITE	
R604	*1-247-289-11	CARBON 8.2M 5% 1W		T603	1-437-079-00	TRANSFORMER, HPRIZONTAL DRIVE	
R605	1-215-798-91	METAL 330K 5% 1/6W		T605	*1-448-194-11	SRT	
R606	1-215-770-91	METAL 22K 5% 1/6W		<u>THERMISTOR</u>			
R608	1-215-746-91	METAL 2.2K 5% 1/6W		TH601	1-800-944-00	THERMISTOR TH-4700	
R609	1-215-871-11	METAL OXIDE 2.2K 5% 1W F		THP601	*1-806-165-11	THERMISTOR (POSITIVE)	
R611	1-215-776-91	METAL 39K 5% 1/6W		*****			
R612	*1-215-904-51	METAL OXIDE 100K 5% 2W F		*1-611-717-11	N BOARD	*****	
R613	1-215-872-11	METAL OXIDE 3.3K 5% 1W F		*4-342-117-00	CASE, SHIELD (MAIN), R		
R614	1-216-458-11	METAL OXIDE 1.8K 5% 2W F		*4-342-118-00	LID, SHIELD CASE, R		
R615	1-205-737-00	CEMENTED 30 10% 7W		<u>CAPACITOR</u>			
R616	1-215-772-91	METAL 27K 5% 1/6W		C1	1-123-611-00	ELECT 1MF 20% 50V	
R621	1-215-762-91	METAL 10K 5% 1/6W		C2	1-123-613-00	ELECT 3.3MF 20% 50V	
R622	1-215-770-91	METAL 22K 5% 1/6W		C3	1-102-112-00	CERAMIC 330PF 10% 50V	
R623	1-215-162-00	METAL 2.7K 5% 1/4W		C4	1-123-821-00	ELECT 47MF 20% 16V	
R624	1-215-754-91	METAL 4.7K 5% 1/6W		<u>DIODE</u>			
R625	1-215-786-91	METAL 100K 5% 1/6W		D1	8-719-110-32	DIODE PH302B	
R626	1-215-150-00	METAL 820 5% 1/4W		<u>IC</u>			
R627	1-215-722-91	METAL 220 5% 1/6W		IC1	8-752-010-60	IC CX20106	
R628	1-215-796-91	METAL 270K 5% 1/6W		<u>RESISTOR</u>			
R629	1-215-758-91	METAL 6.8K 5% 1/6W		R1	1-247-799-00	CARBON 47 5% 1/6W	
R630	1-215-112-00	METAL 22 5% 1/4W		R2	1-247-775-00	CARBON 4.7 5% 1/6W	
R631	1-205-728-00	CEMENTED 47 10% 7W		R3	1-214-784-00	METAL 200K 1% 1/4W	
R632	1-217-192-00	WIREWOUND 0.22 10% 2W F		R4	1-247-863-00	CARBON 22K 5% 1/6W	
R633	1-215-798-91	METAL 330K 5% 1/6W		*****			
R634	1-215-800-91	METAL 390K 5% 1/6W		*A-1296-016-A	A BOARD, COMPLETE	*****	
R635	1-215-756-91	METAL 5.6K 5% 1/6W		*4-368-692-01	CASE (MAIN), SHIELD		
R636	1-215-803-91	METAL 510K 5% 1/6W		*4-368-693-01	CASE (UPPER LID), SHIELD		
R637	1-215-770-91	METAL 22K 5% 1/6W		*4-368-694-01	CASE (BOTTOM LID), SHIELD		
R638	1-215-747-91	METAL 2.4K 5% 1/6W		<u>CONNECTOR</u>			
R639	1-215-754-91	METAL 4.7K 5% 1/6W		A1	*1-564-880-31	PLUG, CONNECTOR 3P	
R651	1-216-455-11	METAL OXIDE 560 5% 2W F		A2	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P	
R652	1-216-430-11	METAL OXIDE 390 5% 1W F		A3	*1-564-889-11	PLUG, CONNECTOR 12P	
R653	1-215-754-91	METAL 4.7K 5% 1/6W					
R654	1-216-464-11	METAL OXIDE 18K 5% 2W F					
R659	1-215-865-11	METAL OXIDE 220 5% 1W F					
R660	1-216-370-11	METAL OXIDE 1.2 5% 2W F					
R662	1-215-776-91	METAL 39K 5% 1/6W					
R663	1-215-764-91	METAL 12K 5% 1/6W					
R664	1-215-200-00	METAL 100K 5% 1/4W					
R665	1-215-753-91	METAL 4.3K 5% 1/6W					
R666	1-215-144-00	METAL 470 5% 1/4W					
R667	1-215-126-81	METAL 82 5% 1/4W					
R668	1-215-778-91	METAL 47K 5% 1/6W					
R669	1-215-166-00	METAL 3.9K 5% 1/4W					

KV2252/56EC/2252ET

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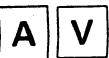
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Ref.No.	Part No.	Description	Remark
<u>CAPACITOR</u>			
C102	1-110-175-81	MYLAR 0.1MF 10% 100V	
C104	1-123-356-00	ELECT 10MF 20% 16V	
C105	1-123-356-00	ELECT 10MF 20% 16V	
C106	1-123-323-00	ELECT 470MF 20% 16V	
C107	1-123-330-00	ELECT 22MF 20% 16V	
C108	1-136-163-00	FILM 0.068MF 5% 50V	
C109	1-136-163-00	FILM 0.068MF 5% 50V	
C110	1-102-963-00	CERAMIC 33PF 5% 50V	
C111	1-123-318-00	ELECT 33MF 20% 16V	
C112	1-102-530-00	CERAMIC 120PF 5% 50V	
C113	1-102-530-00	CERAMIC 120PF 5% 50V	
C114	1-102-851-00	CERAMIC 15PF 5% 50V	
C115	1-102-518-00	CERAMIC 33PF 5% 50V	
C116	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C117	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C118	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C119	1-108-603-00	MYLAR 0.1MF 5% 50V	
C120	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C122	1-123-330-00	ELECT 22MF 20% 16V	
C123	1-102-108-00	CERAMIC 150PF 10% 50V	
C124	1-104-069-00	POLYSTYRENE 470PF 5% 50V	
C126	1-123-318-00	ELECT 33MF 20% 16V	
C127	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C128	1-101-004-00	CERAMIC 0.01MF 50V	
C129	1-101-004-00	CERAMIC 0.01MF 50V	
C130	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C131	1-123-381-00	ELECT 2.2MF 20% 50V	
C132	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C133	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C134	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C135	1-102-525-00	CERAMIC 68PF 5% 50V	
C136	1-102-525-00	CERAMIC 68PF 5% 50V	
C137	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C138	1-123-380-00	ELECT 1MF 20% 50V	
C139	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C140	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C141	1-123-318-00	ELECT 33MF 20% 16V	
C142	1-102-525-00	CERAMIC 68PF 5% 50V	
C143	1-101-004-00	CERAMIC 0.01MF 50V	
C144	1-123-286-00	ELECT 0.33MF 20% 50V	
C145	1-102-961-21	CERAMIC 27PF 5% 50V	
C146	1-123-380-00	ELECT 1MF 20% 50V	
C147	1-130-072-00	FILM 0.022MF 2% 100V	
C148	1-110-186-81	MYLAR 0.0047MF 10% 400V	
C149	1-102-529-00	CERAMIC 100PF 5% 50V	
C150	1-102-852-00	CERAMIC 47PF 5% 50V	
C151	1-101-004-00	CERAMIC 0.01MF 50V	
C152	1-101-004-00	CERAMIC 0.01MF 50V	
C153	1-123-356-00	ELECT 10MF 20% 16V	
C154	1-101-004-00	CERAMIC 0.01MF 50V	
C155	1-123-332-00	ELECT 47MF 20% 16V	

Ref.No.	Part No.	Description	Remark
C156	1-123-306-00	ELECT 47MF 20% 10V	
C157	1-123-306-00	ELECT 47MF 20% 10V	
C158	1-123-379-00	ELECT 0.47MF 20% 50V	
C159	1-102-816-00	CERAMIC 120PF 5% 50V	
C164	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C165	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C167	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C168	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C169	1-123-356-00	ELECT 10MF 20% 16V	
C170	1-123-356-00	ELECT 10MF 20% 16V	
C171	1-123-318-00	ELECT 33MF 20% 16V	
C172	1-123-379-00	ELECT 0.47MF 20% 50V	
C173	1-123-379-00	ELECT 0.47MF 20% 50V	
C174	1-110-190-81	MYLAR 0.01MF 10% 400V	
C175	1-110-190-81	MYLAR 0.01MF 10% 400V	
C176	1-123-380-00	ELECT 1MF 20% 50V	
C177	1-123-380-00	ELECT 1MF 20% 50V	
C179	1-123-369-00	ELECT 4.7MF 20% 25V	
C180	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C181	1-123-318-00	ELECT 33MF 20% 16V	
C182	1-123-307-00	ELECT 100MF 20% 10V	
C183	1-101-361-00	CERAMIC 150PF 5% 50V	
C184	1-102-973-00	CERAMIC 100PF 5% 50V	
C186	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C188	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
<u>DISCRIMINATOR</u>			
CD151	1-404-501-00	DISCRIMINATOR, CERAMIC	
<u>FILTER</u>			
CF101	1-527-840-00	FILTER, CERAMIC	
CF102	1-404-134-00	TRAP, CERAMIC (5.5MHZ)	
CF151	1-527-839-00	FILTER, CERAMIC	
<u>DIODE</u>			
D101	8-719-911-19	DIODE 1SS119	
D102	8-719-911-19	DIODE 1SS119	
D103	8-719-102-71	DIODE RD5.6E-N2	
D104	8-719-911-19	DIODE 1SS119	
D105	8-719-911-19	DIODE 1SS119	
D151	8-719-911-19	DIODE 1SS119	
D152	8-719-911-19	DIODE 1SS119	
D153	8-719-911-19	DIODE 1SS119	
D154	8-719-911-19	DIODE 1SS119	
D170	8-719-911-19	DIODE 1SS119	
D171	8-719-911-19	DIODE 1SS119	
<u>IC</u>			
IC101	8-759-909-08	IC TDA3541	
IC102	8-759-909-54	IC TDA2546A	
IC103	8-759-602-16	IC M54572L	
IC151	8-759-007-54	IC TDA4940	
IC152	8-759-007-55	IC TDA4944	

Ref.No.	Part No.	Description	Remark
<u>COIL</u>			
L101	1-404-476-00	COIL, IF	
L102	1-404-476-00	COIL, IF	
L103	1-408-593-00	MICRO INDUCTOR 1.5UH	
L104	1-408-406-00	MICRO INDUCTOR 5.6UH	
L105	1-404-477-00	COIL, IF	
L106	1-404-493-00	COIL	
L107	1-404-493-00	COIL	
L109	1-408-409-00	MICRO INDUCTOR 10UH	
L110	1-408-406-00	MICRO INDUCTOR 5.6UH	
L111	1-404-493-00	COIL	
L113	1-408-226-00	MICRO INDUCTOR 82UH	
L114	1-407-489-00	MICRO INDUCTOR 560UH	
L116	1-408-406-00	MICRO INDUCTOR 5.6UH	
L117	1-408-428-00	MICRO INDUCTOR 390UH	
L170	1-408-247-00	MICRO INDUCTOR 33MH	
L171	1-408-408-00	MICRO INDUCTOR 8.2UH	
<u>TRANSISTOR</u>			
Q101	8-729-245-83	TRANSISTOR 2SC2458	
Q102	8-729-105-47	TRANSISTOR 2SC2026	
Q103	8-729-204-83	TRANSISTOR 2SA1048GR	
Q104	8-729-900-36	TRANSISTOR DTC124ES	
Q105	8-729-204-83	TRANSISTOR 2SA1048GR	
Q151	8-729-245-83	TRANSISTOR 2SC2458	
Q152	8-729-245-83	TRANSISTOR 2SC2458	
Q153	8-729-245-83	TRANSISTOR 2SC2458	
Q154	8-729-900-89	TRANSISTOR DTC144ES	
Q155	8-729-245-83	TRANSISTOR 2SC2458	
Q156	8-729-245-83	TRANSISTOR 2SC2458	
Q157	8-729-900-89	TRANSISTOR DTC144ES	
Q158	8-729-900-89	TRANSISTOR DTC144ES	
Q172	8-729-204-83	TRANSISTOR 2SA1048GR	
Q173	8-729-245-83	TRANSISTOR 2SC2458	
Q174	8-729-245-83	TRANSISTOR 2SC2458	
Q175	8-729-245-83	TRANSISTOR 2SC2458	
<u>RESISTOR</u>			
R101	1-215-738-91	METAL 1K 5% 1/6W	
R102	1-215-738-91	METAL 1K 5% 1/6W	
R105	1-215-760-91	METAL 8.2K 5% 1/6W	
R106	1-215-750-91	METAL 3.3K 5% 1/6W	
R107	1-215-750-91	METAL 3.3K 5% 1/6W	
R108	1-215-798-91	METAL 330K 5% 1/6W	
R109	1-215-746-91	METAL 2.2K 5% 1/6W	
R110	1-215-746-91	METAL 2.2K 5% 1/6W	
R111	1-215-754-91	METAL 4.7K 5% 1/6W	
R112	1-215-734-91	METAL 680 5% 1/6W	
R113	1-215-752-91	METAL 3.9K 5% 1/6W	
R114	1-215-722-91	METAL 220 5% 1/6W	
R115	1-215-742-91	METAL 1.5K 5% 1/6W	
R116	1-215-730-91	METAL 470 5% 1/6W	

Ref.No.	Part No.	Description	Remark
R117	1-215-710-91	METAL 68 5% 1/6W	
R118	1-215-724-91	METAL 270 5% 1/6W	
R119	1-215-730-91	METAL 470 5% 1/6W	
R120	1-215-778-91	METAL 47K 5% 1/6W	
R122	1-215-762-91	METAL 10K 5% 1/6W	
R125	1-215-736-91	METAL 820 5% 1/6W	
R126	1-215-736-91	METAL 820 5% 1/6W	
R127	1-215-736-91	METAL 820 5% 1/6W	
R129	1-215-810-91	METAL 1M 5% 1/6W	
R131	1-215-778-91	METAL 47K 5% 1/6W	
R132	1-215-762-91	METAL 10K 5% 1/6W	
R134	1-215-782-91	METAL 68K 5% 1/6W	
R135	1-215-780-91	METAL 56K 5% 1/6W	
R136	1-215-770-91	METAL 22K 5% 1/6W	
R137	1-215-770-91	METAL 22K 5% 1/6W	
R140	1-215-738-91	METAL 1K 5% 1/6W	
R141	1-215-766-91	METAL 15K 5% 1/6W	
R142	1-215-786-91	METAL 100K 5% 1/6W	
R143	1-215-786-91	METAL 100K 5% 1/6W	
R144	1-215-752-91	METAL 3.9K 5% 1/6W	
R145	1-215-752-91	METAL 3.9K 5% 1/6W	
R146	1-215-784-91	METAL 4.7K 5% 1/6W	
R151	1-215-736-91	METAL 820 5% 1/6W	
R152	1-215-776-91	METAL 39K 5% 1/6W	
R153	1-215-728-91	METAL 390 5% 1/6W	
R155	1-215-770-91	METAL 22K 5% 1/6W	
R156	1-215-784-91	METAL 82K 5% 1/6W	
R157	1-215-742-91	METAL 1.5K 5% 1/6W	
R158	1-215-742-91	METAL 1.5K 5% 1/6W	
R159	1-215-754-91	METAL 4.7K 5% 1/6W	
R160	1-215-754-91	METAL 4.7K 5% 1/6W	
R161	1-215-738-91	METAL 1K 5% 1/6W	
R162	1-215-738-91	METAL 1K 5% 1/6W	
R166	1-215-750-91	METAL 3.3K 5% 1/6W	
R167	1-215-774-91	METAL 33K 5% 1/6W	
R168	1-215-770-91	METAL 22K 5% 1/6W	
R172	1-215-720-91	METAL 180 5% 1/6W	
R173	1-215-778-91	METAL 47K 5% 1/6W	
R174	1-215-796-91	METAL 270K 5% 1/6W	
R175	1-215-772-91	METAL 27K 5% 1/6W	
R176	1-215-738-91	METAL 1K 5% 1/6W	
R177	1-215-762-91	METAL 10K 5% 1/6W	
R178	1-215-762-91	METAL 10K 5% 1/6W	
R179	1-215-762-91	METAL 10K 5% 1/6W	
R180	1-215-738-91	METAL 1K 5% 1/6W	
R181	1-215-740-91	METAL 1.2K 5% 1/6W	
R182	1-215-746-91	METAL 2.2K 5% 1/6W	
R183	1-215-738-91	METAL 1K 5% 1/6W	
R184	1-215-724-91	METAL 270 5% 1/6W	
R185	1-215-726-91	METAL 330 5% 1/6W	
R188	1-215-766-91	METAL 15K 5% 1/6W	
R191	1-215-732-91	METAL 560 5% 1/6W	
R192	1-215-732-91	METAL 560 5% 1/6W	



Ref.No.	Part No.	Description	Remark
193	1-215-714-91	METAL 100 5% 1/6W	
VARIABLE RESISTOR			
RV101	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
RV151	1-228-726-00	RES, ADJ, CERAMIC CARBON 33K	
FILTER			
SWF101	1-404-438-00	FILTER, SAW	
TUNER			
TU101	1-463-577-11	TUNER, ET (BT-883A) (P-50T 215-1 462A)	

*A-1325-020-A V BOARD, COMPLETE (KV2256EC & KV2252ET-TX only)			
CAPACITOR			
C2	1-123-380-00	ELECT 1MF 20% 50V	
C3	1-123-356-00	ELECT 10MF 20% 16V	
C4	1-106-220-00	MYLAR 0.1MF 10% 100V	
C5	1-123-356-00	ELECT 10MF 20% 16V	
C6	1-123-380-00	ELECT 1MF 20% 50V	
C7	1-101-004-00	CERAMIC 0.01MF 50V	
C8	1-102-651-00	CERAMIC 68PF 5% 50V	
C9	1-123-380-00	ELECT 1MF 20% 50V	
C10	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C11	1-106-220-00	MYLAR 0.1MF 10% 100V	
C12	1-101-984-00	CERAMIC 47PF 5% 50V	
C13	1-102-773-00	CERAMIC 330PF 5% 50V	
C14	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C15	1-123-332-00	ELECT 47MF 20% 16V	
C16	1-123-309-00	ELECT 330MF 20% 6.3V	
C17	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C18	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C19	1-102-973-00	CERAMIC 100PF 5% 50V	
C20	1-123-356-00	ELECT 10MF 20% 16V	
C21	1-123-074-00	CERAMIC 0.001MF 10% 50V	
C22	1-123-369-00	ELECT 4.7MF 20% 25V	
C23	1-123-321-00	ELECT 220MF 20% 16V	
C31	1-106-220-00	MYLAR 0.1MF 10% 100V	
C32	1-106-220-00	MYLAR 0.1MF 10% 100V	
C34	1-106-220-00	MYLAR 0.1MF 10% 100V	
C35	1-106-220-00	MYLAR 0.1MF 10% 100V	
C36	1-106-220-00	MYLAR 0.1MF 10% 100V	
C37	1-106-220-00	MYLAR 0.1MF 10% 100V	
C38	1-106-220-00	MYLAR 0.1MF 10% 100V	
C39	1-123-298-00	ELECT 470MF 20% 6.3V	
C40	1-108-620-91	MYLAR 0.0033MF 10% 100V	
C42	1-123-330-00	ELECT 22MF 20% 25V	

Ref.No.	Part No.	Description	Remark
CONNECTOR			
CN1	*1-560-852-00	PLUG, CONNECTOR 7P	
CN2	*1-560-852-00	PLUG, CONNECTOR 7P	
CN3	*1-560-852-00	PLUG, CONNECTOR 7P	
V1	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
V2	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
V4	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
V5	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
V6	*1-508-784-00	1P PLUG	
V9	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)	
V11	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	
V12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
V13	*1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P	
TRIMMER			
CV1	1-141-181-11	CAP, TRIMMER	
DIODE			
D1	8-719-100-68	DIODE RD13E-B2	
D2	8-719-100-36	DIODE RD5.6E-B3	
D3	8-719-100-36	DIODE RD5.6E-B3	
D4	8-719-911-19	DIODE 1SS119	
D5	8-719-911-19	DIODE 1SS119	
D6	8-719-911-19	DIODE 1SS119	
D7	8-719-911-19	DIODE 1SS119	
IC			
IC1	8-759-950-30	IC SAA5030	
IC2	8-759-960-40	IC SAA5040B	
IC3	8-759-950-20	IC SAA5020	
IC4	8-759-950-51	IC SAA5051	
IC5	8-759-901-28	IC MSM5128-12RS	
IC6	8-759-900-02	IC SN74LS02N	
IC7	8-759-900-83	IC SN74LS83AN	
IC8	8-759-901-61	IC SN74LS161AN	
IC9	8-759-901-61	IC SN74LS161AN	
COIL			
L1	1-404-291-00	COIL	
TRANSISTOR			
Q1	8-729-109-53	TRANSISTOR 2SD795A	
Q2	8-729-109-53	TRANSISTOR 2SD795A	
Q3	8-729-245-83	TRANSISTOR 2SC2458	
Q4	8-729-245-83	TRANSISTOR 2SC2458	
Q5	8-729-204-83	TRANSISTOR 2SA1048GR	
Q6	8-729-204-83	TRANSISTOR 2SA1048GR	
Q7	8-729-204-83	TRANSISTOR 2SA1048GR	
Q8	8-729-245-83	TRANSISTOR 2SC2458	
Q9	8-729-245-83	TRANSISTOR 2SC2458	
Q10	8-729-245-83	TRANSISTOR 2SC2458	

Ref.No.	Part No.	Description	Remark
Q11	8-729-245-83	TRANSISTOR 2SC2458	
Q12	8-729-245-83	TRANSISTOR 2SC2458	
Q13	8-729-245-83	TRANSISTOR 2SC2458	
Q14	8-729-245-83	TRANSISTOR 2SC2458	
RESISTOR			
R1	1-215-786-91	METAL 100K 5% 1/6W	
R2	1-215-758-91	METAL 6.8K 5% 1/6W	
R3	1-215-758-91	METAL 6.8K 5% 1/6W	
R4	1-215-738-91	METAL 1K 5% 1/6W	
R5	1-215-742-91	METAL 1.5K 5% 1/6W	
R6	1-215-774-91	METAL 33K 5% 1/6W	
R7	1-215-740-91	METAL 1.2K 5% 1/6W	
R8	1-215-740-91	METAL 1.2K 5% 1/6W	
R9	1-215-734-91	METAL 680 5% 1/6W	
R10	1-215-742-91	METAL 1.5K 5% 1/6W	
R11	1-215-740-91	METAL 1.2K 5% 1/6W	
R12	1-215-730-91	METAL 470 5% 1/6W	
R13	1-215-730-91	METAL 470 5% 1/6W	
R14	1-213-139-00	METAL OXIDE 470 5% 1W	
R15	1-247-228-00	CARBON 330 5% 1/2W	
R16	1-215-738-91	METAL 1K 5% 1/6W	
R22	1-215-786-91	METAL 100K 5% 1/6W	
R26	1-215-718-91	METAL 150 5% 1/6W	
R27	1-215-718-91	METAL 150 5% 1/6W	
R28	1-215-718-91	METAL 150 5% 1/6W	
R29	1-215-710-91	METAL 68 5% 1/6W	
R30	1-215-762-91	METAL 10K 5% 1/6W	
R31	1-215-738-91	METAL 1K 5% 1/6W	
R32	1-215-756-91	METAL 5.6K 5% 1/6W	
R33	1-215-776-91	METAL 39K 5% 1/6W	
R34	1-215-754-91	METAL 4.7K 5% 1/6W	
R35	1-215-746-91	METAL 2.2K 5% 1/6W	
R36	1-215-778-91	METAL 47K 5% 1/6W	
R37	1-215-772-91	METAL 27K 5% 1/6W	
R38	1-215-738-91	METAL 1K 5% 1/6W	
R39	1-215-760-91	METAL 8.2K 5% 1/6W	
R40	1-215-758-91	METAL 6.8K 5% 1/6W	
R41	1-215-746-91	METAL 2.2K 5% 1/6W	
R42	1-215-728-91	METAL 390 5% 1/6W	
R43	1-215-740-91	METAL 1.2K 5% 1/6W	
R44	1-215-738-91	METAL 1K 5% 1/6W	
R45	1-215-758-91	METAL 6.8K 5% 1/6W	
R46	1-215-762-91	METAL 10K 5% 1/6W	
R48	1-215-770-91	METAL 22K 5% 1/6W	
R56	1-215-762-91	METAL 10K 5% 1/6W	
R60	1-215-786-91	METAL 100K 5% 1/6W	
R61	1-215-786-91	METAL 100K 5% 1/6W	
R62	1-215-722-91	METAL 220 5% 1/6W	
R63	1-215-740-91	METAL 1.2K 5% 1/6W	
R64	1-215-734-91	METAL 680 5% 1/6W	
R64A	1-215-737-91	METAL 910 5% 1/6W	
R65	1-215-716-91	METAL 120 5% 1/6W	

Ref.No.	Part No.	Description	Remark
R66	1-215-716-91	METAL 120 5% 1/6W	
R67	1-215-716-91	METAL 120 5% 1/6W	
VARIABLE RESISTOR			
RV1	1-228-724-00	RES, ADJ, CARBON 10K	
RV2	1-226-852-00	RES, ADJ, CARBON 22K	
RV3	1-228-881-00	RES, ADJ, CARBON 100	
TRANSFORMER			
T1	1-404-292-00	COIL	
CRYSTAL			
X01	1-567-162-00	OSCILLATOR, CRYSTAL	

*A-1330-623-A C BOARD, COMPLETE *****			
1-526-086-XX SOCKET, CRT			
CONNECTOR			
C1	*1-508-765-00	3P PLUG (M)	
C3	*1-564-880-31	PLUG, CONNECTOR 3P	
C4	*1-564-883-11	PLUG, CONNECTOR 6P	
C5	*1-508-766-00	4P PLUG (M)	
CAPACITOR			
C701	1-102-116-00	CERAMIC 680PF 10% 50V	
C702	1-102-116-00	CERAMIC 680PF 10% 50V	
C703	1-102-116-00	CERAMIC 680PF 10% 50V	
C704	1-102-936-00	CERAMIC 3PF 0.25PF 50V	
C705	1-102-936-00	CERAMIC 3PF 0.25PF 50V	
C706	1-102-936-00	CERAMIC 3PF 0.25PF 50V	
C707	1-123-005-00	ELECT 22MF 250V	
C708	1-123-333-00	ELECT 100MF 20% 25V	
C709	1-102-820-00	CERAMIC 330PF 5% 50V	
C711	1-101-880-00	CERAMIC 47PF 5% 50V	
C712	1-101-880-00	CERAMIC 47PF 5% 50V	
C713	1-101-880-00	CERAMIC 47PF 5% 50V	
C715	1-123-330-00	ELECT 22MF 20% 16V	
C741	1-102-030-00	CERAMIC 330PF 10% 500V	
C742	1-102-223-00	CERAMIC 0.0047MF 10% 2KV	
DIODE			
D701	8-719-911-19	DIODE 1SS119	
D702	8-719-911-19	DIODE 1SS119	
D703	8-719-911-19	DIODE 1SS119	
D704	8-719-911-19	DIODE 1SS119	
D705	8-719-911-19	DIODE 1SS119	
D706	8-719-911-19	DIODE 1SS119	
D707	8-719-911-19	DIODE 1SS119	
D708	8-719-911-19	DIODE 1SS119	
D709	8-719-911-19	DIODE 1SS119	

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark					
C214	1-123-356-00	ELECT	10MF	20%	16V	C314	1-123-381-00	ELECT	2.2MF	20%	50V	C522	1-123-318-00	ELECT	33MF	20%	16V	D8	*1-564-889-11	PLUG, CONNECTOR 12P
C215	1-123-356-00	ELECT	10MF	20%	16V	C315	1-123-381-00	ELECT	2.2MF	20%	50V	C523	1-108-431-00	MYLAR	0.068MF	10%	200V	D10	*1-508-766-00	4P PLUG (M)
C216	1-123-356-00	ELECT	10MF	20%	16V	C316	1-110-186-81	MYLAR	0.0047MF	10%	400V	C524	1-123-380-00	ELECT	1MF	20%	50V	D12	*1-508-786-00	2P PLUG (M)
C217	1-102-074-00	CERAMIC	0.001MF	10%	50V	C317	1-110-182-81	MYLAR	0.022MF	10%	250V	C525	1-123-362-00	ELECT	330MF	20%	50V	D14	*1-564-883-11	PLUG, CONNECTOR 6P
C218	1-110-184-81	MYLAR	0.033MF	10%	250V	C318	1-131-345-00	TANTALUM	0.47MF	10%	35V	C527	1-123-360-00	ELECT	100MF	20%	50V	D15	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
C219	1-123-356-00	ELECT	10MF	20%	16V	C319	1-123-356-00	ELECT	10MF	20%	16V	C528	1-123-321-00	ELECT	220MF	20%	16V	D16	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
C220	1-110-171-81	MYLAR	0.047MF	10%	100V	C320	1-123-586-00	ELECT	0.1MF	20%	50V	C529	1-123-318-00	ELECT	33MF	20%	16V	D17	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)
C221	1-108-614-91	MYLAR	0.001MF	10%	100V	C321	1-131-345-00	TANTALUM	0.47MF	10%	35V	C530	1-110-186-81	MYLAR	0.0047MF	10%	400V	D18	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P
C222	1-123-322-00	ELECT	330MF	20%	16V	C322	1-131-345-00	TANTALUM	0.47MF	10%	35V	C531	1-123-346-89	ELECT	220MF	20%	35V	D19	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P
C223	1-123-380-00	ELECT	1MF	20%	50V	C323	1-102-110-00	CERAMIC	220PF	10%	50V	C532	1-110-187-81	MYLAR	0.0056MF	10%	400V	D20	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P
C224	1-123-380-00	ELECT	1MF	20%	50V	C324	1-102-110-00	CERAMIC	220PF	10%	50V	C540	1-108-614-91	MYLAR	0.001MF	10%	100V	D21	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)
C225	1-123-322-00	ELECT	330MF	20%	16V	C325	1-136-173-00	FILM	0.47MF	5%	50V	C543	1-123-360-00	ELECT	100MF	20%	50V	D22	*1-560-127-00	PLUG, CONNECTOR (2.5MM PITCH)
C226	1-123-330-00	ELECT	22MF	20%	16V	C326	1-436-173-00	FILM	0.47MF	5%	50V	C544	1-123-372-00	ELECT	33MF	20%	50V	D23	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)
C227	1-123-330-00	ELECT	22MF	20%	16V	C327	1-121-705-00	ELECT	2.2MF	30%	25V	C545	1-123-379-00	ELECT	0.47MF	20%	50V	D24	*1-508-784-00	1P PLUG
C228	1-102-945-00	CERAMIC	8PF	1PF	50V	C328	1-102-973-00	CERAMIC	100PF	5%	50V	C551	1-123-322-00	ELECT	330MF	20%	16V	D27	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
C229	1-102-108-00	CERAMIC	150PF	10%	50V	C329	1-101-004-00	CERAMIC	0.01MF	10%	50V	C552	1-123-333-00	ELECT	100MF	20%	16V	D28	*1-508-784-00	1P PLUG
C230	1-110-184-81	MYLAR	0.033MF	10%	250V	C331	1-161-330-00	CERAMIC	0.01MF	30%	25V	C553	1-123-333-00	ELECT	100MF	20%	16V	D30	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
C231	1-123-333-00	ELECT	100MF	20%	16V	C332	1-101-880-00	CERAMIC	47PF	5%	50V	C591	1-110-176-81	MYLAR	0.12MF	10%	100V	DY1	*1-508-765-00	3P PLUG (M)
C232	1-123-330-00	ELECT	22MF	20%	16V	C333	1-123-356-00	ELECT	10MF	20%	16V	C801	1-123-093-00	ELECT	22MF	20%	160V	DY2	*1-508-765-00	3P PLUG (M)
C233	1-102-114-00	CERAMIC	470PF	10%	50V	C334	1-123-356-00	ELECT	10MF	20%	16V	C802	1-102-157-00	CERAMIC	560PF	10%	500V	DY3	*1-508-766-00	4P PLUG (M)
C234	1-123-379-00	ELECT	0.47MF	20%	50V	C336	1-102-858-00	CERAMIC	10PF	0.5PF	50V	C803	1-102-327-11	CERAMIC	330PF	15%	1.5KV	TRIMMER		
C235	1-123-330-00	ELECT	22MF	20%	16V	C337	1-102-888-00	CERAMIC	150PF	5%	50V	C804	1-161-754-11	CERAMIC	0.001MF	10%	3KV			
C236	1-102-114-00	CERAMIC	470PF	10%	50V	C338	1-102-884-00	CERAMIC	33PF	5%	50V	C805	1-108-423-00	MYLAR	0.015MF	10%	200V	CV301	1-141-181-11	CAP, TRIMMER
C237	1-123-379-00	ELECT	0.47MF	20%	50V	C339	1-102-959-00	CERAMIC	22PF	5%	50V	C806	1-129-721-00	FILM	0.039MF	10%	630V	DIODE		
C238	1-108-603-00	MYLAR	0.1MF	5%	50V	C340	1-102-945-00	CERAMIC	8PF	1PF	50V	C807	1-136-179-00	FILM	1.5MF	5%	200V			
C239	1-108-603-00	MYLAR	0.1MF	5%	50V	C341	1-102-947-00	CERAMIC	10PF	5%	50V	C808	1-136-116-00	FILM	1MF	5%	200V	D001	8-719-911-19	DIODE 1SS119
C240	1-108-603-00	MYLAR	0.1MF	5%	50V	C342	1-102-676-00	CERAMIC	68PF	5%	50V	C809	1-110-190-81	MYLAR	0.01MF	10%	400V	D002	8-719-911-19	DIODE 1SS119
C241	1-123-333-00	ELECT	100MF	20%	16V	C343	1-102-973-00	CERAMIC	100PF	5%	50V	C810	1-110-190-81	MYLAR	0.01MF	10%	400V	D004	8-719-911-19	DIODE 1SS119
C243	1-123-332-00	ELECT	47MF	20%	16V	C344	1-123-379-00	ELECT	0.47MF	20%	50V	C812	1-102-223-00	CERAMIC	0.0047MF	10%	2KV	D005	8-759-157-40	IC UPC574J
C272	1-110-175-81	MYLAR	0.1MF	10%	100V	C346	1-123-333-00	ELECT	100MF	20%	16V	C813	1-110-175-81	MYLAR	0.1MF	10%	100V	D006	8-719-101-02	DIODE RD30E-84
C273	1-123-359-00	ELECT	47MF	20%	50V	C347	1-110-186-81	MYLAR	0.0047MF	10%	400V	C814	1-123-005-00	ELECT	22MF	20%	250V	D008	8-719-911-19	DIODE 1SS119
C274	1-123-364-00	ELECT	1000MF	20%	50V	C348	1-123-379-00	ELECT	0.47MF	20%	50V	C815	1-123-362-00	ELECT	330MF	20%	50V	D010	8-719-911-19	DIODE 1SS119
C276	1-123-359-00	ELECT	47MF	20%	50V	C501	1-110-182-81	MYLAR	0.022MF	10%	250V	C816	1-102-030-00	CERAMIC	330PF	10%	500V	D061	8-719-100-35	DIODE RD5.6E-82
C277	1-110-175-81	MYLAR	0.1MF	10%	100V	C502	1-136-171-00	FILM	0.33MF	5%	50V	C818	1-136-086-00	FILM	0.017MF	3%	2KV	D201	8-719-911-19	DIODE 1SS119
C278	1-123-349-00	ELECT	1000MF	20%	35V	C503	1-136-171-00	FILM	0.33MF	5%	50V	C819	1-130-061-00	FILM	0.0015MF	10%	630V	D205	8-719-100-44	DIODE RD7.5E-82
C279	1-123-343-00	ELECT	33MF	20%	25V	C504	1-102-108-00	CERAMIC	150PF	10%	50V	C824	1-110-192-81	MYLAR	0.015MF	10%	400V	D206	8-719-911-19	DIODE 1SS119
C280	1-123-349-00	ELECT	1000MF	20%	35V	C505	1-123-380-00	ELECT	1MF	20%	50V	C825	1-136-184-00	MYLAR	0.68MF	10%	250V	D212	8-719-911-19	DIODE 1SS119
C281	1-123-360-00	ELECT	100MF	20%	50V	C506	1-123-330-00	ELECT	22MF	20%	16V	C828	1-102-114-00	CERAMIC	470PF	10%	50V	D213	8-719-911-19	DIODE 1SS119
C282	1-101-005-00	CERAMIC	0.022MF	50V		C507	1-110-177-81	MYLAR	0.15MF	10%	100V	FILTER		D214	8-719-911-19	DIODE 1SS119				
C283	1-101-005-00	CERAMIC	0.022MF	50V		C508	1-123-356-00	ELECT	10MF	20%	16V			D215	8-719-911-19	DIODE 1SS119				
C284	1-102-106-00	CERAMIC	100PF	10%	50V	C509	1-123-369-00	ELECT	4.7MF	20%	25V	CF001	1-527-790-00	OSCILLATOR, CERAMIC			D216	8-719-911-19	DIODE 1SS119	
C285	1-102-106-00	CERAMIC	100PF	10%	50V	C510	1-123-323-00	ELECT	470MF	20%	16V	CONNECTOR		D217	8-719-911-19	DIODE 1SS119				
C288	1-110-182-81	MYLAR	0.022MF	10%	250V	C511	1-123-379-00	ELECT	0.47MF	20%	50V			D218	8-719-911-19	DIODE 1SS119				
C289	1-110-182-81	MYLAR	0.022MF	10%	250V	C512	1-110-175-81	MYLAR	0.1MF	10%	100V			D219	8-719-911-19	DIODE 1SS119				
C290	1-123-343-00	ELECT	33MF	20%	25V	C513	1-130-023-00	FILM	0.0027MF	5%	50V	CN201	1-561-534-00	SOCKET 21P			D271	8-719-911-55	DIODE U056	
C291	1-123-343-00	ELECT	33MF	20%	25V	C514	1-123-332-00	ELECT	47MF	20%	16V	CN202	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT			D303	8-719-911-19	DIODE 1SS119	
C301	1-102-944-00	CERAMIC	7PF	1PF	50V	C515	1-110-175-81	MYLAR	0.1MF	10%	100V	CN251	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT			D304	8-719-911-19	DIODE 1SS119	
C302	1-102-944-00	CERAMIC	7PF	1PF	50V	C516	1-123-357-00	ELECT	22MF	20%	50V	CN252	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT			D305	8-719-911-19	DIODE 1SS119	
C303	1-102-951-00	CERAMIC	15PF	5%	50V	C517	1-102-030-00	CERAMIC	330PF	10%	500V	D1	*1-560-288-00	PLUG, CONNECTOR (2.5MM PITCH)			D306	8-719-911-19	DIODE 1SS119	
C304	1-102-816-00	CERAMIC	120PF	5%	50V	C518	1-129-742-00	FILM	0.018MF	10%	400V	D3	*1-564-880-31	PLUG, CONNECTOR 3P			D307	8-719-911-19	DIODE 1SS119	
C311	1-123-323-00	ELECT	470MF	20%	16V	C519	1-123-931-00	ELECT	3.3MF	20%	160V	D4	*1-564-885-11	PLUG, CONNECTOR 8P			D308	8-719-911-19	DIODE 1SS119	
C312	1-123-286-00	ELECT	0.33MF	20%	50V	C520	1-106-182-00	MYLAR	0.0027MF	10%	100V	D5	*1-508-765-00	3P PLUG (M)			D309	8-719-911-19	DIODE 1SS119	
C313	1-123-356-00	ELECT	10MF	20%	25V	C521	1-102-157-00	CERAMIC	560PF	10%	500V	D6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			D501	8-719-911-19	DIODE 1SS119	
												D7	*1-564-883-11	PLUG, CONNECTOR 6P						

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Ref.No.	Part No.	Description
D503	8-719-901-93	DIODE V19E
D504	8-719-901-93	DIODE V19E
D505	8-719-901-93	DIODE V19E
D506	8-719-911-19	DIODE 1SS119
D507	8-719-901-93	DIODE V19E
D551	8-719-911-19	DIODE 1SS119
D552	8-719-911-19	DIODE 1SS119
D553	8-719-901-93	DIODE V19E
D554	8-719-901-93	DIODE V19E
D801	8-719-900-26	DIODE ERD29-08J
D802	8-719-300-65	DIODE ES1F
D803	8-719-901-93	DIODE V19E
D804	8-719-901-93	DIODE V19E
D806	8-719-305-15	DIODE GH3F
D807	8-719-305-15	DIODE GH3F
<u>DELAY LINE</u>		
DL301	1-415-427-11	DELAY LINE, Y
DL302	1-415-185-12	DELAY LINE (1H)
<u>IC</u>		
IC001	8-759-602-63	IC CX523-113P
IC002	8-759-600-92	IC M58657P
IC201	8-759-914-76	IC CX20199
IC202	8-752-006-10	IC CX20061
IC251	8-749-943-52	IC STK-4352
IC301	6-066-720-60	IC TDA3562A
IC302	1-235-534-11	CONTROL MODULE, PICTURE
IC551	8-759-915-46	IC TDA2579
<u>COIL</u>		
L001	1-408-425-00	MICRO INDUCTOR 220UH
L251	1-459-407-00	COIL, FERRITE CHOKE
L252	1-459-407-00	COIL, FERRITE CHOKE
L301	1-404-495-00	COIL
L302	1-408-412-00	MICRO INDUCTOR 18UH
L304	1-408-411-00	MICRO INDUCTOR 15UH
L306	1-410-260-11	MICRO INDUCTOR 33UH
L307	1-410-261-11	MICRO INDUCTOR 5.6UH
L308	1-408-415-00	MICRO INDUCTOR 33UH
L310	1-407-705-00	MICRO INDUCTOR 100UH
L801	1-407-365-00	COIL, CHOKE
L802	1-421-329-00	COIL, CHOKE
L803	1-459-125-00	COIL, HORIZONTAL LINEARITY
L804	1-421-390-00	COIL, FERRITE (PMC)
L805	1-408-239-00	MICRO INDUCTOR 4.7MMH
L806	1-421-329-00	COIL, CHOKE
L808	1-407-365-00	COIL, CHOKE
L809	1-437-090-00	HOT
L810	1-407-365-00	COIL, CHOKE
L891	1-459-338-00	COIL, VAR, FERRITE (PAC)

Ref.No.	Part No.	Description
<u>TRANSISTOR</u>		
Q001	8-729-204-83	TRANSISTOR 2SA1048GR
Q003	8-729-245-83	TRANSISTOR 2SC2458
Q004	8-729-245-83	TRANSISTOR 2SC2458
Q006	8-729-245-83	TRANSISTOR 2SC2458
Q007	8-729-603-50	TRANSISTOR 2SC4035P
Q008	8-729-245-83	TRANSISTOR 2SC2458
Q009	8-729-245-83	TRANSISTOR 2SC2458
Q011	8-729-600-27	TRANSISTOR 2SC6345P
Q201	8-729-245-83	TRANSISTOR 2SC2458
Q206	8-729-245-83	TRANSISTOR 2SC2458
Q207	8-729-204-83	TRANSISTOR 2SA1048GR
Q208	8-729-204-83	TRANSISTOR 2SA1048GR
Q209	8-729-245-83	TRANSISTOR 2SC2458
Q301	8-729-245-83	TRANSISTOR 2SC2458
Q309	8-729-245-83	TRANSISTOR 2SC2458
Q310	8-729-245-83	TRANSISTOR 2SC2458
Q311	8-729-245-83	TRANSISTOR 2SC2458
Q312	8-729-245-83	TRANSISTOR 2SC2458
Q313	8-729-245-83	TRANSISTOR 2SC2458
Q320	8-729-603-50	TRANSISTOR 2SC4035P
Q502	8-729-204-83	TRANSISTOR 2SA1048GR
Q504	8-729-204-83	TRANSISTOR 2SA1048GR
Q505	8-729-168-82	TRANSISTOR 2SC2688
Q506	8-729-169-02	TRANSISTOR 2SC2690A
Q507	8-729-122-02	TRANSISTOR 2SA1220A
Q508	8-729-195-82	TRANSISTOR 2SC2958
Q510	8-729-245-83	TRANSISTOR 2SC2458
Q511	8-729-245-83	TRANSISTOR 2SC2458
Q512	8-729-900-36	TRANSISTOR DTC124ES
Q551	8-729-177-43	TRANSISTOR 2SD0774
Q552	8-729-374-02	TRANSISTOR 2SB740
Q802	8-729-300-90	TRANSISTOR 2SD1497-06
Q803	8-719-801-06	THYRISTOR S6344G
<u>RESISTOR</u>		
R001	1-215-738-91	METAL 1K 5% 1/6W
R002	1-215-738-91	METAL 1K 5% 1/6W
R003	1-215-738-91	METAL 1K 5% 1/6W
R004	1-215-722-91	METAL 220 5% 1/6W
R005	1-215-722-91	METAL 220 5% 1/6W
R006	1-215-722-91	METAL 220 5% 1/6W
R007	1-215-722-91	METAL 220 5% 1/6W
R008	1-215-722-91	METAL 220 5% 1/6W
R009	1-215-722-91	METAL 220 5% 1/6W
R010	1-215-722-91	METAL 220 5% 1/6W
R011	1-215-722-91	METAL 220 5% 1/6W
R012	1-215-706-91	METAL 47 5% 1/6W
R013	1-215-722-91	METAL 220 5% 1/6W
R014	1-215-754-91	METAL 4.7K 5% 1/6W
R015	1-215-754-91	METAL 4.7K 5% 1/6W
R016	1-215-168-00	METAL 4.7K 5% 1/4W

Remark

Ref.No.	Part No.	Description
R017	1-215-152-00	METAL 1K 5% 1/4W
R018	1-215-738-91	METAL 1K 5% 1/6W
R021	1-215-766-91	METAL 15K 5% 1/6W
R022	1-215-766-91	METAL 15K 5% 1/6W
R023	1-215-714-91	METAL 100 5% 1/6W
R024	1-215-738-91	METAL 1K 5% 1/6W
R025	1-215-770-91	METAL 22K 5% 1/6W
R026	1-215-766-91	METAL 15K 5% 1/6W
R027	1-215-144-00	METAL 470 5% 1/4W
R028	1-215-184-00	METAL 22K 5% 1/4W
R029	1-215-770-91	METAL 22K 5% 1/6W
R030	1-215-184-00	METAL 22K 5% 1/4W
R031	1-215-184-00	METAL 22K 5% 1/4W
R032	1-215-770-91	METAL 22K 5% 1/6W
R033	1-215-770-91	METAL 22K 5% 1/6W
R034	1-215-770-91	METAL 22K 5% 1/6W
R035	1-215-770-91	METAL 22K 5% 1/6W
R036	1-215-770-91	METAL 22K 5% 1/6W
R037	1-215-738-91	METAL 1K 5% 1/6W
R038	1-215-748-91	METAL 2.7K 5% 1/6W
R039	1-215-714-91	METAL 100 5% 1/6W
R040	1-215-770-91	METAL 22K 5% 1/6W
R041	1-215-774-91	METAL 33K 5% 1/6W
R042	1-215-730-91	METAL 470 5% 1/6W
R043	1-215-730-91	METAL 470 5% 1/6W
R044	1-215-738-91	METAL 1K 5% 1/6W
R045	1-215-152-00	METAL 1K 5% 1/4W
R046	1-215-754-91	METAL 4.7K 5% 1/6W
R047	1-215-714-91	METAL 100 5% 1/6W
R048	1-215-778-91	METAL 47K 5% 1/6W
R049	1-216-464-11	METAL OXIDE 18K 5% 2W F
R050	1-217-387-00	FUSIBLE 10 5% 1/4W F
R052	1-215-152-00	METAL 1K 5% 1/4W
R053	1-215-790-91	METAL 150K 5% 1/6W
R054	1-215-722-91	METAL 220 5% 1/6W
R056	1-215-766-91	METAL 15K 5% 1/6W
R057	1-215-762-91	METAL 10K 5% 1/6W
R060	1-215-732-91	METAL 560 5% 1/6W
R201	1-215-146-00	METAL 560 5% 1/4W
R202	1-215-146-00	METAL 560 5% 1/4W
R203	1-215-168-00	METAL 4.7K 5% 1/4W
R204	1-215-168-00	METAL 4.7K 5% 1/4W
R205	1-215-174-00	METAL 8.2K 5% 1/4W
R206	1-215-776-91	METAL 39K 5% 1/6W
R207	1-215-164-00	METAL 3.3K 5% 1/4W
R208	1-215-750-91	METAL 3.3K 5% 1/6W
R209	1-215-762-91	METAL 10K 5% 1/6W
R210	1-215-762-91	METAL 10K 5% 1/6W
R211	1-215-156-00	METAL 1.5K 5% 1/4W
R213	1-215-802-91	METAL 470K 5% 1/6W
R214	1-215-742-91	METAL 1.5K 5% 1/6W
R216	1-215-762-91	METAL 10K 5% 1/6W
R217	1-215-738-91	METAL 1K 5% 1/6W

Remark

Ref.No.	Part No.	Description
R218	1-215-794-91	METAL 220K 5% 1/6W
R219	1-215-794-91	METAL 220K 5% 1/6W
R220	1-215-125-00	METAL 75 5% 1/4W
R221	1-215-144-00	METAL 470 5% 1/4W
R222	1-215-780-91	METAL 56K 5% 1/6W
R228	1-215-780-91	METAL 56K 5% 1/6W
R229	1-215-730-91	METAL 470 5% 1/6W
R230	1-215-738-91	METAL 1K 5% 1/6W
R231	1-215-728-91	METAL 390 5% 1/6W
R232	1-215-104-81	METAL 10 5% 1/4W
R233	1-215-730-91	METAL 470 5% 1/6W
R234	1-215-784-91	METAL 82K 5% 1/6W
R235	1-215-810-91	METAL 1M 5% 1/6W
R236	1-215-762-91	METAL 10K 5% 1/6W
R237	1-215-746-91	METAL 2.2K 5% 1/6W
R238	1-215-744-91	METAL 1.8K 5% 1/6W
R239	1-215-746-91	METAL 2.2K 5% 1/6W
R240	1-215-762-91	METAL 10K 5% 1/6W
R242	1-215-762-91	METAL 10K 5% 1/6W
R243	1-215-768-91	METAL 18K 5% 1/6W
R244	1-215-180-00	METAL 15K 5% 1/4W
R245	1-215-778-91	METAL 47K 5% 1/6W
R247	1-215-158-00	METAL 1.8K 5% 1/4W
R248	1-215-152-00	METAL 1K 5% 1/4W
R249	1-215-158-00	METAL 1.8K 5% 1/4W
R251	1-215-714-91	METAL 100 5% 1/6W
R252	1-215-714-91	METAL 100 5% 1/6W
R253	1-215-714-91	METAL 100 5% 1/6W
R254	1-215-714-91	METAL 100 5% 1/6W
R255	1-215-164-00	METAL 3.3K 5% 1/4W
R256	1-215-164-00	METAL 3.3K 5% 1/4W
R257	1-215-125-00	METAL 75 5% 1/4W
R278	1-217-387-00	FUSIBLE 10 5% 1/4W F
R279	1-217-387-00	FUSIBLE 10 5% 1/4W F
R280	1-215-786-91	METAL 100K 5% 1/6W
R281	1-215-756-91	METAL 5.6K 5% 1/6W
R282	1-215-754-91	METAL 4.7K 5% 1/6W
R283	1-215-152-00	METAL 1K 5% 1/4W
R284	1-247-107-00	CARBON 100 5% 1/4W F
R285	1-215-754-91	METAL 4.7K 5% 1/6W
R286	1-215-756-91	METAL 5.6K 5% 1/6W
R287	1-215-786-91	METAL 100K 5% 1/6W
R288	1-215-788-91	METAL 120K 5% 1/6W
R289	1-215-778-91	METAL 47K 5% 1/6W
R297	1-215-730-91	METAL 470 5% 1/6W
R298	1-215-730-91	METAL 470 5% 1/6W
R301	1-215-156-00	METAL 1.5K 5% 1/4W
R302	1-215-742-91	METAL 1.5K 5% 1/6W
R303	1-215-723-91	METAL 240 5% 1/6W
R304	1-215-762-91	METAL 10K 5% 1/6W
R305	1-215-730-91	METAL 470 5% 1/6W
R306	1-215-730-91	METAL 470 5% 1/6W
R307	1-215-734-91	METAL 680 5% 1/6W

Remark

KV2252/56EC/2252ETTX
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H1

Ref.No.	Part No.	Description	Remark
VARIABLE RESISTOR			
RV401	1-228-578-00	RES, VAR, CARBON 10K	
RV402	1-228-578-00	RES, VAR, CARBON 10K	
RV403	1-228-578-00	RES, VAR, CARBON 10K	
RV404	1-228-578-00	RES, VAR, CARBON 10K	
RV405	1-228-578-00	RES, VAR, CARBON 10K	
SWITCH			
S401	1-554-118-00	SWITCH, PUSH (1 KEY)	
S402	1-554-118-00	SWITCH, PUSH (1 KEY)	
S407	1-552-774-00	SWITCH, PUSH	
S408	1-552-774-00	SWITCH, PUSH	
S411	1-552-774-00	SWITCH, PUSH	
S412	1-552-774-00	SWITCH, PUSH	
S413	1-552-774-00	SWITCH, PUSH	
S414	1-552-774-00	SWITCH, PUSH	
S415	1-552-774-00	SWITCH, PUSH	
S416	1-552-774-00	SWITCH, PUSH	
S417	1-552-774-00	SWITCH, PUSH	
S418	1-552-774-00	SWITCH, PUSH	
S419	1-552-774-00	SWITCH, PUSH	

MISCELLANEOUS			

	1-246-513-00	RES, CARBON 47K	
	Δ 1-451-242-31	DEFLECTION YOKE (SY-885)	
	1-452-032-00	MAGNET, DISK; 10MM Ø	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
	1-452-146-21	MAGNET, BMC	
	Δ 1-452-316-11	CRT NECK ASSY (NA291)	
	Δ 1-536-797-11	TERMINAL BOARD ASSY, ANTENNA	
	Δ 1-551-270-31	CORD, POWER	
L901	Δ 1-426-042-42	COIL, DEGAUSSING	
L902	Δ 1-426-042-42	COIL, DEGAUSSING	
RV901	Δ 1-226-733-13	RESISTOR ASSY, HIGH-VOLTAGE	
SP901	Δ 1-554-762-21	SWITCH, PUSH (AC POWER)(1 KEY)	
SP901	Δ 1-503-496-21	SPEAKER	
SP902	Δ 1-503-496-21	SPEAKER	
T802	Δ 1-439-331-41	TRANSFORMER ASSY, FLYBACK	
V901	Δ 8-735-750-05	CRT (A53JBW01X)	

ACCESSORIES AND PACKING MATERIALS

Part No.	Description	Remark
A-1470-625-A	COMMANDER ASSY (RM-635)	
4-362-269-00	BAG, PROTECTION	
4-368-620-00	CUSHION (UPPER) (ASSY)	
4-368-621-00	CUSHION (LOWER) (ASSY)	
4-368-660-00	CUSHION (REAR)	
4-368-668-03	INDIVIDUAL CARTON	
4-491-710-51	INSTRUCTION, TELETEXT	
4-493-828-72	MANUAL, INSTRUCTION	

*A-1296-010-A	A BOARD, COMPLETE	

*4-368-692-01	CASE (MAIN), SHIELD	
*4-368-693-01	CASE (UPPER LID), SHIELD	
*4-368-694-01	CASE (BOTTOM LID), SHIELD	

CONNECTOR

A1	*1-564-880-31	PLUG, CONNECTOR 3P
A2	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P
A3	*1-564-889-11	PLUG, CONNECTOR 12P

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
CAPACITOR				CAPACITOR			
C102	1-123-356-00	ELECT 10MF	20% 16V	C157	1-123-306-00	ELECT 47MF	20% 10V
C104	1-123-356-00	ELECT 10MF	20% 16V	C158	1-123-379-00	ELECT 0.47MF	20% 50V
C105	1-123-356-00	ELECT 10MF	20% 16V	C159	1-102-816-00	CERAMIC 120PF	5% 50V
C106	1-123-323-00	ELECT 470MF	20% 16V	C164	1-108-620-91	MYLAR 0.0033MF	10% 100V
C107	1-123-330-00	ELECT 22MF	20% 16V	C165	1-108-620-91	MYLAR 0.0033MF	10% 100V
C108	1-136-163-00	FILM 0.068MF	5% 50V	C167	1-108-620-91	MYLAR 0.0033MF	10% 100V
C109	1-136-163-00	FILM 0.068MF	5% 50V	C168	1-108-620-91	MYLAR 0.0033MF	10% 100V
C110	1-102-963-00	CERAMIC 33PF	5% 50V	C169	1-123-356-00	ELECT 10MF	20% 16V
C111	1-123-318-00	ELECT 33MF	20% 16V	C170	1-123-356-00	ELECT 10MF	20% 16V
C112	1-102-527-00	CERAMIC 82PF	5% 50V	C171	1-123-318-00	ELECT 33MF	20% 16V
C113	1-102-510-00	CERAMIC 12PF	5% 50V	C172	1-123-379-00	ELECT 0.47MF	20% 50V
C115	1-102-852-00	CERAMIC 47PF	5% 50V	C173	1-123-379-00	ELECT 0.47MF	20% 50V
C116	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C174	1-110-190-81	MYLAR 0.01MF	10% 400V
C117	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C175	1-110-190-81	MYLAR 0.01MF	10% 400V
C118	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C176	1-123-380-00	ELECT 1MF	20% 50V
C119	1-108-603-00	MYLAR 0.1MF	5% 50V	C177	1-123-380-00	ELECT 1MF	20% 50V
C120	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C179	1-123-369-00	ELECT 4.7MF	20% 25V
C122	1-123-330-00	ELECT 22MF	20% 16V	C180	1-108-620-91	MYLAR 0.0033MF	10% 100V
C123	1-102-108-00	CERAMIC 150PF	10% 50V	C181	1-123-318-00	ELECT 33MF	20% 16V
C124	1-104-069-00	POLYSTYRENE 470PF	5% 50V	C182	1-123-307-00	ELECT 100MF	20% 10V
C125	1-101-361-00	CERAMIC 150PF	5% 50V	C183	1-101-361-00	CERAMIC 150PF	5% 50V
C126	1-123-318-00	ELECT 33MF	20% 16V	C184	1-102-973-00	CERAMIC 100PF	5% 50V
C127	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C186	1-102-121-00	CERAMIC 0.0022MF	10% 50V
C128	1-101-004-00	CERAMIC 0.01MF	50V	C188	1-102-125-00	CERAMIC 0.0047MF	10% 50V
C129	1-101-004-00	CERAMIC 0.01MF	50V	C189	1-101-006-21	CERAMIC 0.047MF	50V
C130	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C190	1-110-175-81	MYLAR 0.1MF	10% 100V
C131	1-123-381-00	ELECT 2.2MF	20% 50V	DISCRIMINATOR			
C132	1-102-125-00	CERAMIC 0.0047MF	10% 50V	CD151	1-404-501-00	DISCRIMINATOR, CERAMIC	
C133	1-102-125-00	CERAMIC 0.0047MF	10% 50V	FILTER			
C134	1-102-125-00	CERAMIC 0.0047MF	10% 50V	CF101	1-527-840-00	FILTER, CERAMIC	
C135	1-102-525-00	CERAMIC 68PF	5% 50V	CF102	1-404-134-00	TRAP, CERAMIC (5.5MHZ)	
C136	1-102-525-00	CERAMIC 68PF	5% 50V	CF151	1-527-839-00	FILTER, CERAMIC	
C137	1-102-125-00	CERAMIC 0.0047MF	10% 50V	DIODE			
C138	1-123-380-00	ELECT 1MF	20% 50V	D102	8-719-911-19	DIODE 1SS119	
C139	1-102-125-00	CERAMIC 0.0047MF	10% 50V	D103	8-719-102-71	DIODE RDS.6E-W2	
C140	1-102-125-00	CERAMIC 0.0047MF	10% 50V	D104	8-719-911-19	DIODE 1SS119	
C141	1-123-318-00	ELECT 33MF	20% 16V	D105	8-719-911-19	DIODE 1SS119	
C142	1-102-525-00	CERAMIC 68PF	5% 50V	D151	8-719-911-19	DIODE 1SS119	
C143	1-101-004-00	CERAMIC 0.01MF	50V	D152	8-719-911-19	DIODE 1SS119	
C144	1-123-286-00	ELECT 0.33MF	20% 50V	D153	8-719-911-19	DIODE 1SS119	
C145	1-102-961-21	CERAMIC 27PF	5% 50V	D154	8-719-911-19	DIODE 1SS119	
C146	1-123-380-00	ELECT 1MF	20% 50V	D170	8-719-911-19	DIODE 1SS119	
C147	1-130-072-00	FILM 0.022MF	2% 100V	D171	8-719-911-19	DIODE 1SS119	
C148	1-110-186-81	MYLAR 0.0047MF	10% 400V	IC			
C150	1-102-520-00	CERAMIC 39PF	5% 50V	IC101	8-759-909-08	IC TDA3541	
C151	1-101-004-00	CERAMIC 0.01MF	50V	IC102	8-759-909-54	IC TDA2546A	
C152	1-101-004-00	CERAMIC 0.01MF	50V	IC103	8-759-602-16	IC M54572L	
C153	1-123-356-00	ELECT 10MF	20% 16V	IC151	8-759-007-54	IC TDA4940	
C154	1-101-004-00	CERAMIC 0.01MF	50V	IC152	8-759-007-55	IC TDA4944	
C155	1-123-332-00	ELECT 47MF	20% 16V				
C156	1-123-306-00	ELECT 47MF	20% 10V				

(KV2252ET/ET-TX only)

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>COIL</u>							
L102	1-404-476-00	COIL, IF		R118	1-215-724-91	METAL 270 5% 1/6W	
L103	1-408-593-00	MICRO INDUCTOR 1.5UH		R119	1-215-730-91	METAL 470 5% 1/6W	
L104	1-408-406-00	MICRO INDUCTOR 5.6UH		R120	1-215-778-91	METAL 47K 5% 1/6W	
L105	1-404-477-00	COIL, IF		R122	1-215-762-91	METAL 10K 5% 1/6W	
L106	1-404-493-00	COIL		R125	1-215-736-91	METAL 820 5% 1/6W	
L107	1-404-493-00	COIL		R126	1-215-736-91	METAL 820 5% 1/6W	
L109	1-408-409-00	MICRO INDUCTOR 10UH		R127	1-215-736-91	METAL 820 5% 1/6W	
L110	1-408-406-00	MICRO INDUCTOR 5.6UH		R131	1-215-778-91	METAL 47K 5% 1/6W	
L111	1-404-493-00	COIL		R132	1-215-762-91	METAL 10K 5% 1/6W	
L113	1-408-226-00	MICRO INDUCTOR 82UH		R134	1-215-782-91	METAL 68K 5% 1/6W	
L115	1-408-405-00	MICRO INDUCTOR 4.7UH		R135	1-215-780-91	METAL 56K 5% 1/6W	
L116	1-408-406-00	MICRO INDUCTOR 5.6UH		R136	1-215-770-91	METAL 22K 5% 1/6W	
L117	1-408-428-00	MICRO INDUCTOR 390UH		R137	1-215-770-91	METAL 22K 5% 1/6W	
L170	1-408-247-00	MICRO INDUCTOR 33MMH		R140	1-215-738-91	METAL 1K 5% 1/6W	
L171	1-408-408-00	MICRO INDUCTOR 8.2UH		R141	1-215-766-91	METAL 15K 5% 1/6W	
<u>TRANSISTOR</u>				R142	1-215-786-91	METAL 100K 5% 1/6W	
Q101	8-729-245-83	TRANSISTOR 2SC2458		R143	1-215-786-91	METAL 100K 5% 1/6W	
Q102	8-729-105-47	TRANSISTOR 2SC2026		R144	1-215-752-91	METAL 3.9K 5% 1/6W	
Q103	8-729-204-83	TRANSISTOR 2SA1048GR		R145	1-215-752-91	METAL 3.9K 5% 1/6W	
Q104	8-729-900-36	TRANSISTOR DTC124ES		R146	1-215-754-91	METAL 4.7K 5% 1/6W	
Q105	8-729-204-83	TRANSISTOR 2SA1048GR		R151	1-215-736-91	METAL 820 5% 1/6W	
Q151	8-729-245-83	TRANSISTOR 2SC2458		R152	1-215-776-91	METAL 39K 5% 1/6W	
Q152	8-729-245-83	TRANSISTOR 2SC2458		R153	1-215-728-91	METAL 390 5% 1/6W	
Q153	8-729-245-83	TRANSISTOR 2SC2458		R155	1-215-770-91	METAL 22K 5% 1/6W	
Q154	8-729-900-89	TRANSISTOR DTC144ES		R156	1-215-784-91	METAL 82K 5% 1/6W	
Q155	8-729-245-83	TRANSISTOR 2SC2458		R157	1-215-742-91	METAL 1.5K 5% 1/6W	
Q156	8-729-245-83	TRANSISTOR 2SC2458		R158	1-215-742-91	METAL 1.5K 5% 1/6W	
Q157	8-729-900-89	TRANSISTOR DTC144ES		R159	1-215-754-91	METAL 4.7K 5% 1/6W	
Q158	8-729-900-89	TRANSISTOR DTC144ES		R160	1-215-754-91	METAL 4.7K 5% 1/6W	
Q172	8-729-204-83	TRANSISTOR 2SA1048GR		R161	1-215-738-91	METAL 1K 5% 1/6W	
Q173	8-729-245-83	TRANSISTOR 2SC2458		R162	1-215-738-91	METAL 1K 5% 1/6W	
Q174	8-729-245-83	TRANSISTOR 2SC2458		R166	1-215-750-91	METAL 3.3K 5% 1/6W	
Q175	8-729-245-83	TRANSISTOR 2SC2458		R167	1-215-774-91	METAL 33K 5% 1/6W	
<u>RESISTOR</u>				R168	1-215-770-91	METAL 22K 5% 1/6W	
R101	1-215-738-91	METAL 1K 5% 1/6W		R172	1-215-720-91	METAL 180 5% 1/6W	
R102	1-215-738-91	METAL 1K 5% 1/6W		R173	1-215-778-91	METAL 47K 5% 1/6W	
R105	1-215-762-91	METAL 10K 5% 1/6W		R174	1-215-796-91	METAL 270K 5% 1/6W	
R106	1-215-750-91	METAL 3.3K 5% 1/6W		R175	1-215-772-91	METAL 27K 5% 1/6W	
R107	1-215-750-91	METAL 3.3K 5% 1/6W		R176	1-215-738-91	METAL 1K 5% 1/6W	
R108	1-215-798-91	METAL 330K 5% 1/6W		R177	1-215-762-91	METAL 10K 5% 1/6W	
R109	1-215-746-91	METAL 2.2K 5% 1/6W		R178	1-215-762-91	METAL 10K 5% 1/6W	
R110	1-215-746-91	METAL 2.2K 5% 1/6W		R179	1-215-762-91	METAL 10K 5% 1/6W	
R111	1-215-754-91	METAL 4.7K 5% 1/6W		R180	1-215-738-91	METAL 1K 5% 1/6W	
R112	1-215-744-91	METAL 1.8K 5% 1/6W		R181	1-215-740-91	METAL 1.2K 5% 1/6W	
R113	1-215-752-91	METAL 3.9K 5% 1/6W		R182	1-215-746-91	METAL 2.2K 5% 1/6W	
R114	1-215-722-91	METAL 220 5% 1/6W		R183	1-215-738-91	METAL 1K 5% 1/6W	
R115	1-215-742-91	METAL 1.5K 5% 1/6W		R184	1-215-724-91	METAL 270 5% 1/6W	
R116	1-215-730-91	METAL 470 5% 1/6W		R185	1-215-726-91	METAL 330 5% 1/6W	
R117	1-215-710-91	METAL 68 5% 1/6W		R188	1-215-766-91	METAL 15K 5% 1/6W	
				R191	1-215-732-91	METAL 560 5% 1/6W	
				R192	1-215-732-91	METAL 560 5% 1/6W	
				R193	1-215-714-91	METAL 100 5% 1/6W	

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(KV2252ET/ET-TX only)

Ref.No.	Part No.	Description	Remark
<u>VARIABLE RESISTOR</u>			
RV101	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
RV151	1-228-726-00	RES, ADJ, CERAMIC CARBON 33K	
<u>FILTER</u>			
SWF101	1-404-438-00	FILTER, SAW	
<u>TUNER</u>			
TU101	1-463-411-00	TUNER, UHF/VHF ET (UV411)	

KV-2256EC

RM-635

AEP Model

Chassis No. SCC-522C-A

December, 1984

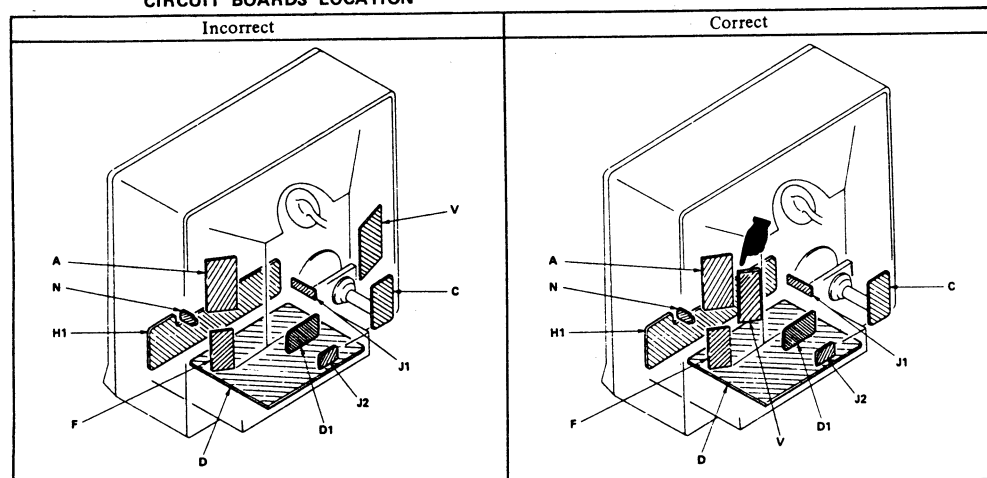
No. 1

CORRECTION

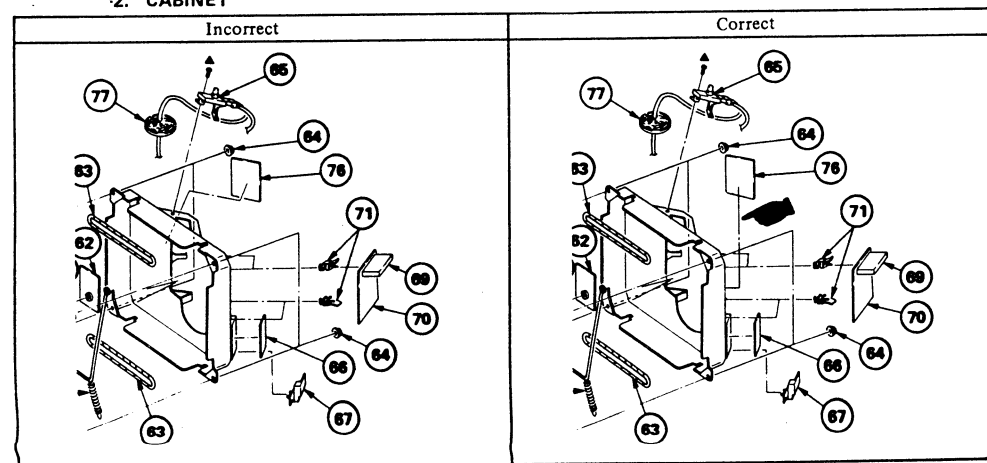
Correct the service manual as shown below.

 : indicates corrected portion

CIRCUIT BOARDS LOCATION



2. CABINET



KV-2252ET

RM-634

Modello Italiano

Numero Chassis: SCC-529G-A

Giugno, 1985

No. 1

SUPPLEMENTO RX CHASSIS

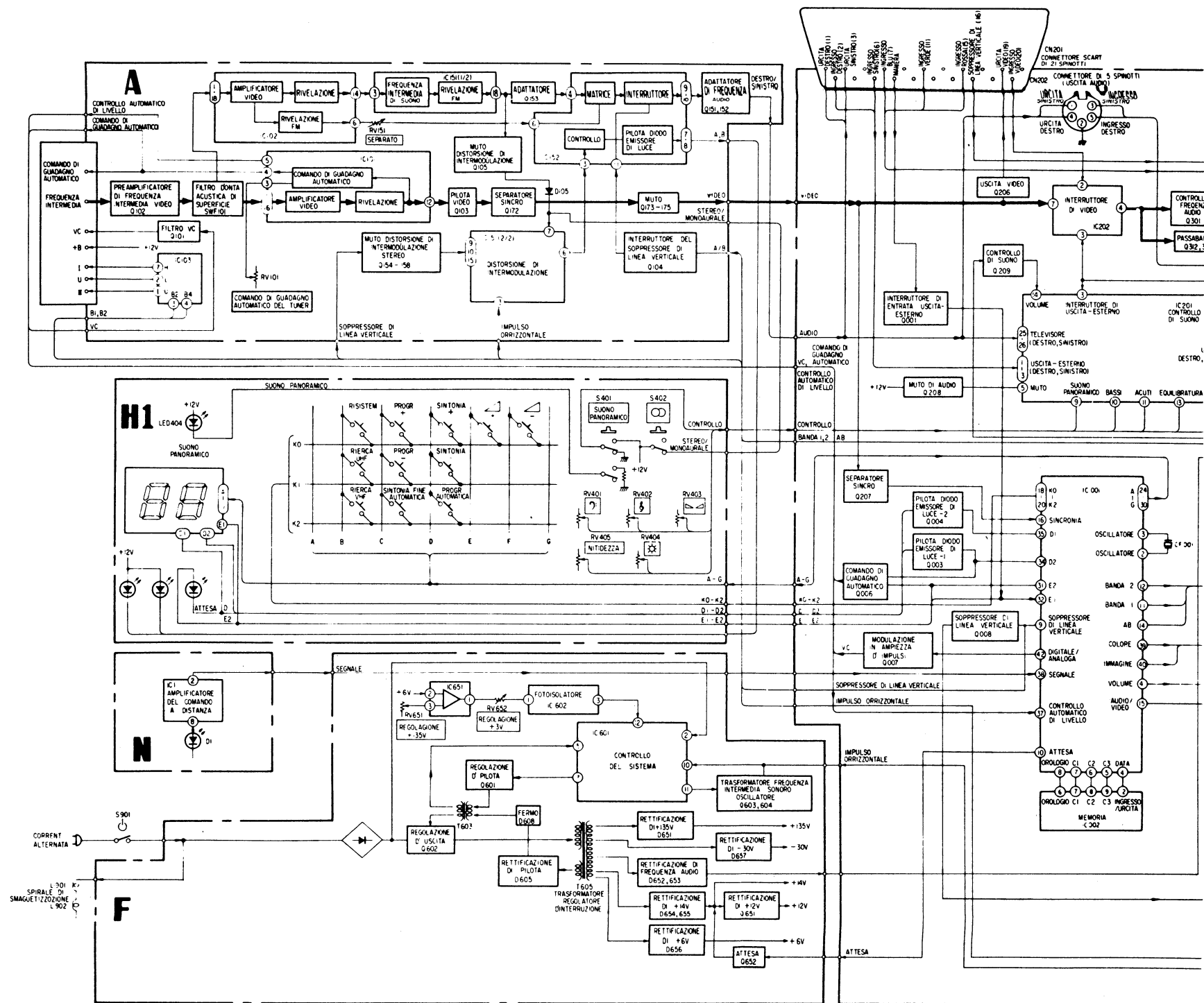
SOGGETTO: MODIFICAZIONE DI CIRCUITO

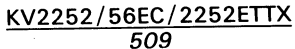
Inserire questo supplemento nel manuale di manutenzione.

Questo supplemento aggiorna il manuale manutenzione includendo le modifiche di produzione inizianti dal No. 6,000,001 e successivi.

KV2252/56EC/2252ETTX
507

CTV





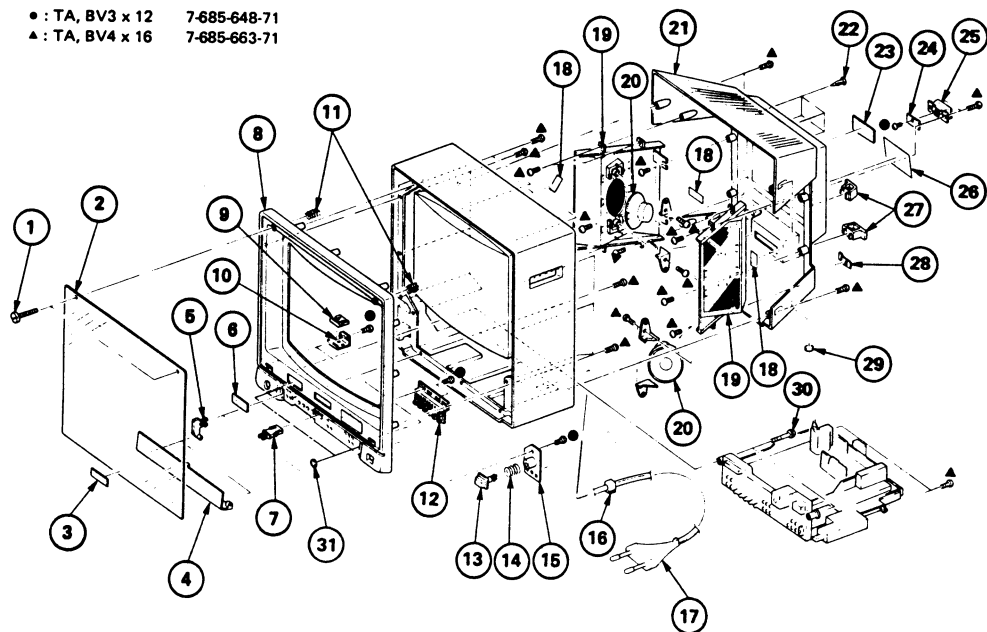
DISEGNO ESPLOSO

NOTA:

- Gli articoli privi di numero e di descrizione non si trovano in deposito a causa della loro scarsa richiesta.
- Le parti di montaggio di un insieme sono indicate con un numero di collocazione nella colonna delle note.
- Gli articoli contrassegnati con "Δ" non fanno parte del deposito di magazzino a causa della loro scarsa richiesta. Si possono quindi verificare ritardi nelle consegne dopo l'ordinazione.

1. DELLA CORNICE

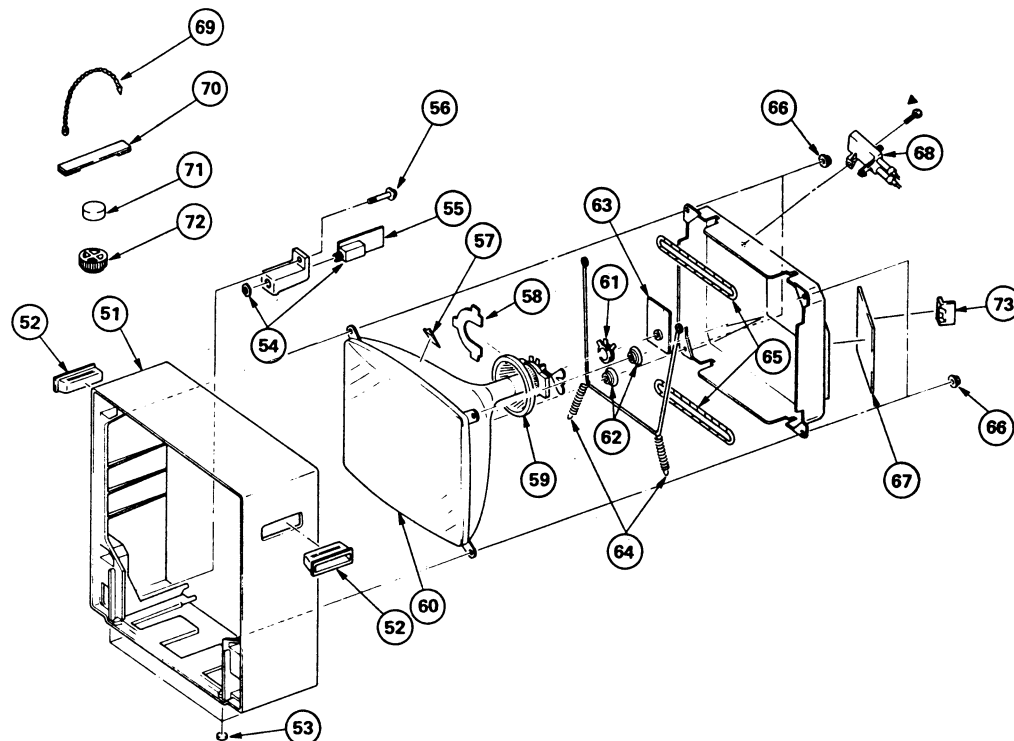
- : TA, BV3 x 12 7-685-648-71
- Δ : TA, BV4 x 16 7-685-663-71



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-336-851-11	SCREW, ORNAMENTAL		17	Δ.1-551-270-31	CORD, POWER	
2	4-368-614-02	FILTER, GLASS		18	3-831-441-XX	CLOTH, INSULATING	
3	X-3701-084-0	EMBLEM (LARGE) ASSY, SONY		19	X-4362-203-2	PLATE ASSY, BAFFLE, SPEAKER	
4	4-362-225-71	DOOR, CONTROL		20	1-503-496-21	SPEAKER	
5	4-362-203-00	SHAFT, DOOR		21	4-368-603-21	COVER, BACK	
6	*4-366-809-00	PLATE, ORNAMENTAL, INDICATOR		22	4-336-439-00	FASTENER, DRIVE	
7	4-352-034-00	CATCHER, PUSH		23	*4-368-630-01	LABEL, MODEL NUMBER	
8	X-4368-614-4	BEZEL ASSY	4, 5, 6, 7, 9, 10, 11, 31	24	*1-614-117-11	J2 BOARD	
9	4-336-808-00	PROTECTOR, FILTER		25	4-368-615-00	COVER, CONNECTOR	
10	*4-362-201-00	HOLDER, FILTER		26	4-320-851-00	STICKER, ET	
11	4-357-414-00	NUT (M4X20)		27	4-316-003-00	HOLDER, CORD	
12	4-368-612-11	BUTTON, MULTI		28	4-329-127-00	CLAMP, CORD	
13	X-4362-201-0	BUTTON ASSY, POWER		29	4-809-913-XX	FOOT, F	
14	4-362-278-00	SPRING, COMPRESSION		30	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
15	*4-362-206-00	HOLDER, POWER BUTTON		31	4-314-871-00	CUSHION	
16	Δ.4-022-115-01	HOLDER, AC CORD					

1. TUBE D IMAGING

Δ : TA, BV4 x 12 7-685-661-14

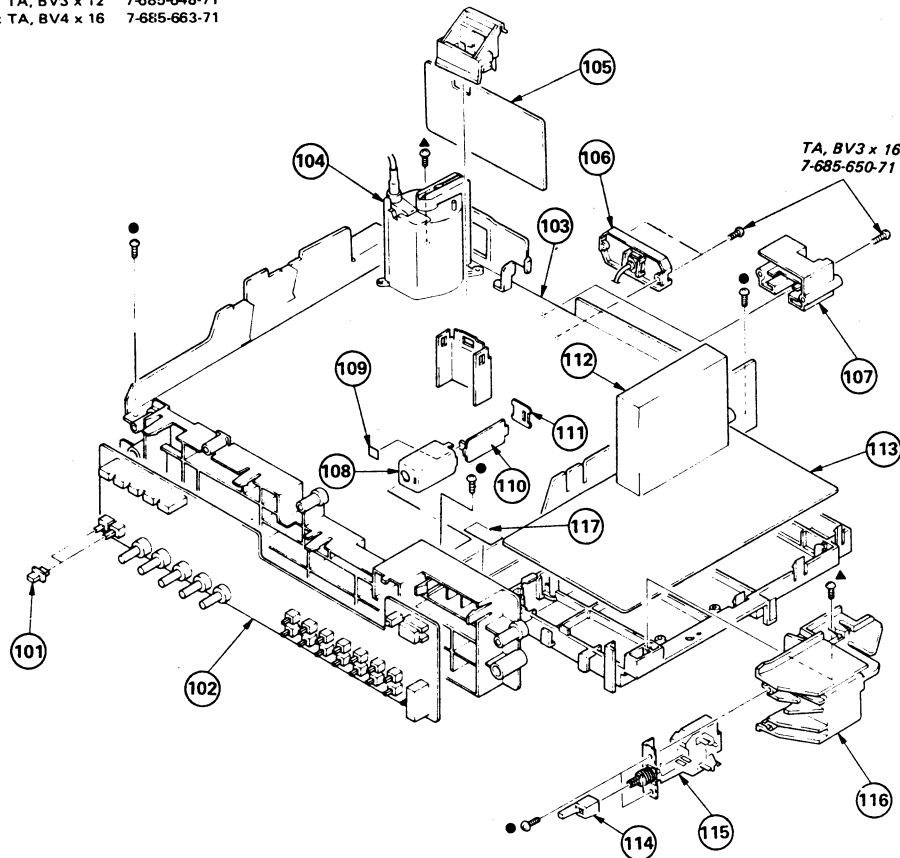


No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4368-602-4	CABINET ASSY		62	4-368-634-00	WASHER	
52	4-336-035-32	HANDLE	52, 53	63	*A-1330-591-A	C BOARD, COMPLETE	
53	4-809-913-XX	FOOT, F		64	4-303-774-XX	SPRING	
54	1-507-657-00	JACK		65	Δ.1-426-042-42	COIL, DEGAUSSING	
55	*1-614-116-11	J1 BOARD		66	4-306-034-00	FLANGE NUT, (B) 5MM	
56	4-319-520-00	SCREW, SPECIAL (+PW4X30)		67	*A-1245-273-A	F BOARD, COMPLETE	
57	3-703-003-00	SPACER, DY		68	Δ.1-226-733-13	RESISTOR ASSY, HIGH-VOLTAGE	
58	1-452-146-21	MAGNET, BMC		69	4-308-870-00	CLIP, LEAD WIRE	
59	Δ.1-451-242-31	DEFLECTION YOKE (SY-88S)		70	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
60	Δ.8-735-750-05	CRT (A53JBW01X)		71	1-452-032-00	MAGNET, DISK; 10MM Ø	
61	Δ.1-452-316-11	CRT NECK ASSY (NA291)		72	1-452-094-00	MAGNET, ROTATABLE DISK 15 MM Ø	
				73	*4-375-709-01	COVER, FUSE	

NOTA:

3. CHASSIS

• TA, BV3 x 12 7-685-648-71
 • TA, BV4 x 16 7-685-663-71



TA, BV3 x 16
 7-685-650-71

Part No.	Description	Remark	No.	Part No.	Description	Remark
4-362-211-00	PUSH BUTTON		110	*1-611-717-11	N BOARD	
*1-615-414-11	H1 BOARD		111	*4-342-118-00	LID, SHIELD CASE, R	
*A-1345-534-A	D BOARD, COMPLETE		112	*1-463-411-00	TUNER, UHF/VHF ET (UV411)	
*1-439-331-41	TRANSFORMER ASSY, FLYBACK		113	*A-1295-966-A	A BOARD, COMPLETE	
*A-1340-690-A	D1 BOARD, COMPLETE		114	4-368-611-00	CAP, SWITCH	
*1-536-797-11	TERMINAL BOARD ASSY, ANTENNA		115	*1-554-762-21	SWITCH, PUSH (AC POWER)(1 KEY)	
*4-368-616-00	BRACKET, CONNECTOR		116	*4-368-690-01	BRACKET, SWITCH	
*4-342-117-00	CASE, SHIELD (MAIN), R		117	3-831-441-XX	CLOTH, INSULATING	
*4-333-624-00	FILM (N), SPECIAL					

Tutte le reostati e i resistori regolabili hanno curva caratteristica B, se non altrimenti specificato.

CONDENSATORI
 • HF : μ F, PF : μ PF

RESISTORI
 • Tutti i resistori sono in ohm.
 • F : non infiammabile

BOBINE
 • MMH : mH, UH : μ H

Gli articoli contrassegnati con " * " non fanno parte del deposito di magazzino a causa della loro scarsa richiesta. Si possono quindi verificare ritardi nelle consegne dopo l'ordinazione.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*A-1245-273-A	F BOARD, COMPLETE	*****				DIODE	
*4-323-833-00	HEAT SINK, PIN OUT			D601	8-719-503-06	DIODE 3WB60Z	
4-365-216-00	SPACER, MICA			D602	8-719-100-65	DIODE RD12E-B2	
*4-368-683-01	SPRING			D603	8-719-911-19	DIODE 1SS119	
				D604	8-759-157-40	IC 1PC574J	
				D605	8-719-924-06	DIODE ERC24-06S	
				D606	8-719-911-19	DIODE 1SS119	
				D607	8-719-911-19	DIODE 1SS119	
				D608	8-719-911-19	DIODE 1SS119	
				D609	8-719-305-15	DIODE GH3F	
				D651	8-719-928-08	DIODE ERD28-08	
				D652	8-719-924-06	DIODE ERC24-06S	
				D653	8-719-924-06	DIODE ERC24-06S	
				D654	8-719-901-93	DIODE V19E	
				D654A	8-719-901-93	DIODE V19E	
				D655	8-719-901-93	DIODE V19E	
				D655A	8-719-901-93	DIODE V19E	
				D656	8-719-924-06	DIODE ERC24-06S	
				D657	8-719-924-06	DIODE ERC24-06S	
				D658	8-719-102-74	DIODE RD6.2E-N2	
				D659	8-719-102-79	DIODE RD6.8E-N3	
				D660	8-719-911-19	DIODE 1SS119	
				D661	8-719-911-19	DIODE 1SS119	
				D663	8-719-102-74	DIODE RD6.2E-N2	
				D664	8-719-100-65	DIODE RD12E-B2	
						CONNECTOR	
				F1	*1-506-349-21	3P PLUG (L)	
				F2	*1-508-765-00	3P PLUG (M)	
				F3	*1-508-786-00	2P PLUG (M)	
				F4	*1-508-765-00	3P PLUG (M)	
				F6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
				F7	*1-564-883-11	PLUG, CONNECTOR 6P	
						FUSE	
				F601	*1-532-465-31	FUSE 3.15A	
					1-533-149-00	HOLDER, FUSE; F601	
						IC	
				IC601	8-759-100-75	IC UPC1394C	
				IC602	8-719-800-82	DIODE TLP581	
				IC651	8-759-145-58	IC PCA4558C	
						COIL	
				L601	1-407-365-00	COIL, CHOKE	
				L651	1-425-613-00	COIL, AIR-CORE, OF TYPE	
				L652	1-459-442-00	COIL (WITH CORE)	
						TRANSISTOR	
				Q601	8-729-195-82	TRANSISTOR 2SC2958	
				Q602	8-729-301-00	TRANSISTOR 2S01497-02	
				Q603	8-729-245-83	TRANSISTOR 2SC2458	

F N A

A

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q604	8-729-204-83	TRANSISTOR 2SA1048GR				VARIABLE RESISTOR				CAPACITOR		C157	1-123-306-00	ELECT	47MF	20%	10V		
Q651	8-729-109-53	TRANSISTOR 2SD795A		RV651	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K		C102	1-123-356-00	ELECT	10MF	20%	16V	C158	1-123-379-00	ELECT	0.47MF	20%	50V
Q652	8-729-245-83	TRANSISTOR 2SC2458		RV652	1-226-702-00	RES, ADJ, METAL GLAZE 2.2K		C104	1-123-356-00	ELECT	10MF	20%	16V	C159	1-102-816-00	CERAMIC	120PF	5%	50V
RESISTOR				TRANSFORMER				C105	1-123-356-00	ELECT	10MF	20%	16V	C164	1-108-620-91	MYLAR	0.0033MF	10%	100V
R601	1-217-328-00	WIREWOUND	2.7 10% 7W F	T601	1-421-758-11	TRANSFORMER, LINE FILTER (LFT)		C106	1-123-323-00	ELECT	470MF	20%	16V	C165	1-108-620-91	MYLAR	0.0033MF	10%	100V
R602	1-244-945-91	CARBON	1M 5% 1/2W	T602	1-421-412-11	COIL, FERRITE		C107	1-123-330-00	ELECT	22MF	20%	16V	C167	1-108-620-91	MYLAR	0.0033MF	10%	10V
R604	1-247-289-11	CARBON	8.2M 5% 1W	T603	1-437-079-00	TRANSFORMER, HORIZONTAL DRIVE		C108	1-136-163-00	FILM	0.068MF	5%	50V	C168	1-108-620-91	MYLAR	0.0033MF	10%	10V
R605	1-215-798-91	METAL	330K 5% 1/6W	T605	1-448-194-11	SRT		C109	1-136-163-00	FILM	0.068MF	5%	50V	C169	1-123-356-00	ELECT	10MF	20%	16V
R606	1-215-770-91	METAL	22K 5% 1/6W	THERMISTOR				C110	1-102-963-00	CERAMIC	33PF	5%	50V	C170	1-123-356-00	ELECT	10MF	20%	16V
R608	1-215-746-91	METAL	2.2K 5% 1/6W	TH601	1-800-944-00	THERMISTOR TH-4700		C111	1-123-318-00	ELECT	33MF	20%	16V	C171	1-123-318-00	ELECT	33MF	20%	16V
R609	1-215-871-11	METAL OXIDE	2.2K 5% 1W F	THP601	1-806-165-11	THERMISTOR (POSITIVE)		C112	1-102-527-00	CERAMIC	82PF	5%	50V	C172	1-123-379-00	ELECT	0.47MF	20%	50V
R611	1-215-776-91	METAL	39K 5% 1/6W	*****				C113	1-102-510-00	CERAMIC	12PF	5%	50V	C173	1-123-379-00	ELECT	0.47MF	20%	50V
R612	1-215-904-51	METAL OXIDE	100K 5% 2W F	*1-611-717-11	N BOARD			C115	1-102-125-00	CERAMIC	47PF	5%	50V	C174	1-110-190-81	MYLAR	0.01MF	10%	400V
R613	1-215-872-11	METAL OXIDE	3.3K 5% 1W F	*****				C116	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C175	1-110-190-81	MYLAR	0.01MF	10%	400V
R614	1-216-458-11	METAL OXIDE	1.8K 5% 2W F	*4-342-117-00	CASE, SHIELD (MAIN), R			C117	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C176	1-123-380-00	ELECT	1MF	20%	50V
R615	1-205-737-00	CEMENTED	30 10% 7W	*4-342-118-00	LID, SHIELD CASE, R			C118	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C177	1-123-380-00	ELECT	1MF	20%	50V
R616	1-215-772-91	METAL	27K 5% 1/6W	CAPACITOR				C119	1-108-603-00	MYLAR	0.1MF	5%	50V	C179	1-123-369-00	ELECT	4.7MF	20%	25V
R621	1-215-762-91	METAL	10K 5% 1/6W	C1	1-123-611-00	ELECT	1MF 20% 50V	C120	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C180	1-108-620-91	MYLAR	0.0033MF	10%	100V
R622	1-215-770-91	METAL	22K 5% 1/6W	C2	1-123-613-00	ELECT	3.3MF 20% 50V	C122	1-123-330-00	ELECT	22MF	20%	16V	C181	1-123-318-00	ELECT	33MF	20%	16V
R623	1-215-162-00	METAL	2.7K 5% 1/4W	C3	1-102-112-00	CERAMIC	330PF 10% 50V	C123	1-102-108-00	CERAMIC	150PF	10%	50V	C182	1-123-307-00	ELECT	100MF	20%	10V
R624	1-215-754-91	METAL	4.7K 5% 1/6W	C4	1-123-821-00	ELECT	47MF 20% 16V	C124	1-104-069-00	POLYSTYRENE	470PF	5%	50V	C183	1-101-361-00	CERAMIC	150PF	5%	50V
R625	1-215-786-91	METAL	100K 5% 1/6W	DIODE				C125	1-101-361-00	CERAMIC	150PF	5%	50V	C184	1-102-973-00	CERAMIC	100PF	5%	50V
R626	1-215-150-00	METAL	820 5% 1/4W	D1	8-719-110-32	DIODE PH302B		C126	1-123-318-00	ELECT	33MF	20%	16V	C186	1-102-121-00	CERAMIC	0.0022MF	10%	50V
R627	1-215-722-91	METAL	220 5% 1/6W	IC1	8-752-010-60	IC CX20106		C127	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C188	1-102-125-00	CERAMIC	0.0047MF	10%	50V
R628	1-215-796-91	METAL	270K 5% 1/6W	IC				C128	1-101-004-00	CERAMIC	0.01MF	50V	C189	1-101-006-21	CERAMIC	0.047MF	50V		
R629	1-215-758-91	METAL	6.8K 5% 1/6W					C129	1-101-004-00	CERAMIC	0.01MF	50V	C190	1-110-175-81	MYLAR	0.1MF	10%	100V	
R630	1-215-112-00	METAL	22 5% 1/4W	RESISTOR				C130	1-102-125-00	CERAMIC	0.0047MF	10%	50V	DISCRIMINATOR					
R631	1-205-728-00	CEMENTED	47 10% 7W	R1	1-247-799-00	CARBON	47 5% 1/6W	C131	1-123-381-00	ELECT	2.2MF	20%	50V	CD151	1-404-501-00	DISCRIMINATOR, CERAMIC			
R632	1-217-192-00	WIREWOUND	0.22 10% 2W F	R2	1-247-775-00	CARBON	4.7 5% 1/6W	C132	1-102-125-00	CERAMIC	0.0047MF	10%	50V	FILTER					
R633	1-215-798-91	METAL	330K 5% 1/6W	R3	1-214-784-00	METAL	200K 1% 1/4W	C133	1-102-125-00	CERAMIC	0.0047MF	10%	50V	CF101	1-527-840-00	FILTER, CERAMIC			
R634	1-215-800-91	METAL	390K 5% 1/6W	R4	1-247-863-00	CARBON	22K 5% 1/6W	C134	1-102-125-00	CERAMIC	0.0047MF	10%	50V	CF102	1-404-134-00	TRAP, CERAMIC (5.5MHZ)			
R635	1-215-756-91	METAL	5.6K 5% 1/6W	*****				C135	1-102-525-00	CERAMIC	68PF	5%	50V	CF151	1-527-839-00	FILTER, CERAMIC			
R636	1-215-803-91	METAL	510K 5% 1/6W	*A-1295-966-A	A BOARD, COMPLETE			C136	1-102-525-00	CERAMIC	68PF	5%	50V	DIODE					
R637	1-215-770-91	METAL	22K 5% 1/6W	*****				C137	1-102-125-00	CERAMIC	0.0047MF	10%	50V	D102	8-719-911-19	DIODE 1SS119			
R638	1-215-747-91	METAL	2.4K 5% 1/6W	*4-368-692-01	CASE (MAIN), SHIELD			C138	1-123-380-00	ELECT	1MF	20%	50V	D103	8-719-102-71	DIODE RDS.6E-N2			
R639	1-215-754-91	METAL	4.7K 5% 1/6W	*4-368-693-01	CASE (UPPER LID), SHIELD			C139	1-102-125-00	CERAMIC	0.0047MF	10%	50V	D104	8-719-911-19	DIODE 1SS119			
R651	1-216-455-11	METAL OXIDE	560 5% 2W F	*4-368-694-01	CASE (BOTTOM LID), SHIELD			C140	1-102-125-00	CERAMIC	0.0047MF	10%	50V	D105	8-719-911-19	DIODE 1SS119			
R652	1-216-430-11	METAL OXIDE	390 5% 1W F	CONNECTOR				C141	1-123-318-00	ELECT	33MF	20%	16V	D151	8-719-911-19	DIODE 1SS119			
R653	1-215-754-91	METAL	4.7K 5% 1/6W	A1	*1-564-880-31	PLUG, CONNECTOR 3P		C142	1-102-525-00	CERAMIC	68PF	5%	50V	D152	8-719-911-19	DIODE 1SS119			
R654	1-216-464-11	METAL OXIDE	18K 5% 2W F	A2	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P		C143	1-101-004-00	CERAMIC	0.01MF	50V	D153	8-719-911-19	DIODE 1SS119				
R659	1-215-865-11	METAL OXIDE	220 5% 1W F	A3	*1-564-889-11	PLUG, CONNECTOR 12P		C144	1-123-286-00	ELECT	0.33MF	20%	50V	D154	8-719-911-19	DIODE 1SS119			
R660	1-216-370-11	METAL OXIDE	1.2 5% 2W F	*****				C145	1-102-961-21	CERAMIC	27PF	5%	50V	D170	8-719-911-19	DIODE 1SS119			
R662	1-215-776-91	METAL	39K 5% 1/6W	*4-368-692-01	CASE (MAIN), SHIELD			C146	1-123-380-00	ELECT	1MF	20%	50V	D171	8-719-911-19	DIODE 1SS119			
R663	1-215-764-91	METAL	12K 5% 1/6W	*4-368-693-01	CASE (UPPER LID), SHIELD			C147	1-130-072-00	FILM	0.022MF	2%	100V						
R664	1-215-200-00	METAL	100K 5% 1/4W	*4-368-694-01	CASE (BOTTOM LID), SHIELD			C148	1-110-186-81	MYLAR	0.0047MF	10%	400V						
R665	1-215-753-91	METAL	4.3K 5% 1/6W	*****				C150	1-102-520-00	CERAMIC	39PF	5%	50V						
R666	1-215-144-00	METAL	470 5% 1/4W					C151	1-101-004-00	CERAMIC	0.01MF	50V							
R667	1-215-126-81	METAL	82 5% 1/4W					C152	1-101-004-00	CERAMIC	0.01MF	50V							
R668	1-215-778-91	METAL	47K 5% 1/6W					C153	1-123-356-00	ELECT	10MF	20%	16V						
R669	1-215-166-00	METAL	3.9K 5% 1/4W					C154	1-101-004-00	CERAMIC	0.01MF	50V							
								C155	1-123-332-00	ELECT	47MF	20%	16V						
								C156	1-123-306-00	ELECT	47MF	20%	10V						

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>VARIABLE RESISTOR</u>				<u>TRANSISTOR</u>			
RV101	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K		Q701	8-729-255-12	TRANSISTOR 2SC2551	
RV151	1-228-726-00	RES, ADJ, CERAMIC CARBON 33K		Q702	8-729-255-12	TRANSISTOR 2SC2551	
<u>FILTER</u>				Q703	8-729-255-12	TRANSISTOR 2SC2551	
SWF101	1-404-438-00	FILTER, SAW		Q704	8-729-326-11	TRANSISTOR 2SC2611	
<u>TUNER</u>				Q705	8-729-326-11	TRANSISTOR 2SC2611	
TU101A	1-463-411-00	TUNER, UHF/VHF ET (UV411)		Q706	8-729-326-11	TRANSISTOR 2SC2611	
*****				Q707	8-729-200-17	TRANSISTOR 2SA1091	
*A-1330-591-A	C BOARD, COMPLETE	*****		Q708	8-729-200-17	TRANSISTOR 2SA1091	
1-526-086-XX	SOCKET, CRT			Q709	8-729-200-17	TRANSISTOR 2SA1091	
<u>CONNECTOR</u>				Q710	8-729-204-83	TRANSISTOR 2SA1048GR	
C1	*1-508-765-00	3P PLUG (M)		Q711	8-729-204-83	TRANSISTOR 2SA1048GR	
C3	*1-564-880-31	PLUG, CONNECTOR 3P		Q712	8-729-204-83	TRANSISTOR 2SA1048GR	
C4	*1-564-883-11	PLUG, CONNECTOR 6P		Q713	8-729-204-83	TRANSISTOR 2SA1048GR	
C5	*1-508-766-00	4P PLUG (M)		Q714	8-729-900-36	TRANSISTOR DTC124ES	
<u>CAPACITOR</u>				<u>RESISTOR</u>			
C701	1-102-116-00	CERAMIC 680PF	10% 50V	R701	1-215-899-11	METAL OXIDE 15K 5% 2W F	
C702	1-102-116-00	CERAMIC 680PF	10% 50V	R702	1-215-899-11	METAL OXIDE 15K 5% 2W F	
C703	1-102-116-00	CERAMIC 680PF	10% 50V	R703	1-215-899-11	METAL OXIDE 15K 5% 2W F	
C704	1-102-936-00	CERAMIC 3PF	0.25PF 50V	R704	1-247-131-00	CARBON 1K 5% 1/4W F	
C705	1-102-936-00	CERAMIC 3PF	0.25PF 50V	R705	1-247-131-00	CARBON 1K 5% 1/4W F	
C706	1-102-936-00	CERAMIC 3PF	0.25PF 50V	R706	1-247-131-00	CARBON 1K 5% 1/4W F	
C707	1-123-005-00	ELECT 22MF	250V	R707	1-215-754-91	METAL 4.7K 5% 1/6W	
C708	1-123-333-00	ELECT 100MF	20% 25V	R708	1-215-754-91	METAL 4.7K 5% 1/6W	
C709	1-102-820-00	CERAMIC 330PF	5% 50V	R709	1-215-754-91	METAL 4.7K 5% 1/6W	
C711	1-101-880-00	CERAMIC 47PF	5% 50V	R710	1-214-784-00	METAL 200K 1% 1/4W	
C712	1-101-880-00	CERAMIC 47PF	5% 50V	R711	1-214-784-00	METAL 200K 1% 1/4W	
C713	1-101-880-00	CERAMIC 47PF	5% 50V	R712	1-214-784-00	METAL 200K 1% 1/4W	
C715	1-123-030-00	ELECT 22MF	20% 16V	R713	1-215-760-91	METAL 8.2K 5% 1/6W	
C741	1-102-330-00	CERAMIC 330PF	10% 500V	R714	1-215-760-91	METAL 8.2K 5% 1/6W	
C742	1-102-223-00	CERAMIC 0.0047MF	10% 2KV	R715	1-215-761-91	METAL 9.1K 5% 1/6W	
<u>DIODE</u>				R716	1-215-176-00	METAL 10K 5% 1/4W	
D701	8-719-911-19	DIODE 1SS119		R717	1-215-176-00	METAL 10K 5% 1/4W	
D702	8-719-911-19	DIODE 1SS119		R718	1-215-176-00	METAL 10K 5% 1/4W	
D703	8-719-911-19	DIODE 1SS119		R719	1-215-740-91	METAL 1.2K 5% 1/6W	
D704	8-719-911-19	DIODE 1SS119		R720	1-215-740-91	METAL 1.2K 5% 1/6W	
D705	8-719-911-19	DIODE 1SS119		R721	1-215-740-91	METAL 1.2K 5% 1/6W	
D706	8-719-911-19	DIODE 1SS119		R722	1-215-750-91	METAL 3.3K 5% 1/6W	
D707	8-719-911-19	DIODE 1SS119		R723	1-215-750-91	METAL 3.3K 5% 1/6W	
D708	8-719-911-19	DIODE 1SS119		R724	1-215-750-91	METAL 3.3K 5% 1/6W	
D709	8-719-911-19	DIODE 1SS119		R725	1-214-958-00	METAL 560K 1% 1/4W	
D710	8-719-100-68	DIODE RD13E-82		R726	1-214-955-00	METAL 430K 1% 1/4W	
D711	8-719-911-19	DIODE 1SS119		R727	1-214-788-00	METAL 300K 1% 1/4W	
				R730	1-215-891-11	METAL OXIDE 680 5% 2W F	
				R731	1-215-762-91	METAL 10K 5% 1/6W	
				R732	1-215-744-91	METAL 1.8K 5% 1/6W	
				R733	1-215-734-91	METAL 680 5% 1/6W	
				R734	1-215-742-91	METAL 1.5K 5% 1/6W	
				R741	1-202-847-00	SOL ID 560K 10% 1/2W	
				R742	1-207-458-00	WIREWOUND 0.39 10% 1/2W	
				R743	1-202-719-00	SOL ID 1M 10% 1/2W	

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Ref.No.	Part No.	Description	Remark
R744	1-202-719-00	SOLID 1M 10% 1/2W	
R745	1-202-814-91	SOLID 33K 10% 1/2W	
R746	1-202-824-00	SOLID 3.3K 10% 1/2W	
R747	1-202-824-00	SOLID 3.3K 10% 1/2W	
R748	1-202-824-00	SOLID 3.3K 10% 1/2W	
R749	1-202-843-91	SOLID 270K 10% 1/2W	
VARIABLE RESISTOR			
RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV702	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV741	1-226-157-11	RES, ADJ, METAL GLAZE 1M	
RV742	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M	
SPARK GAP			
SG701	1-519-063-XX	DISCHARGING GAP	
SG702	1-519-063-XX	DISCHARGING GAP	
SG703	1-519-063-XX	DISCHARGING GAP	
SG704	1-519-063-XX	DISCHARGING GAP	
SG705	1-519-063-XX	DISCHARGING GAP	

*A-1340-690-A	D1 BOARD, COMPLETE	*****	
CAPACITOR			
C1528	1-123-380-00	ELECT 1MF 20% 50V	
C1554	1-123-330-00	ELECT 22MF 20% 16V	
C1555	1-123-356-00	ELECT 10MF 20% 16V	
C1556	1-123-359-00	ELECT 47MF 20% 50V	
C1557	1-123-382-00	ELECT 3.3MF 20% 50V	
C1558	1-123-360-00	ELECT 100MF 20% 50V	
C1559	1-110-184-81	MYLAR 0.033MF 10% 250V	
C1560	1-110-188-81	MYLAR 0.0068MF 10% 400V	
C1561	1-110-174-81	MYLAR 0.082MF 10% 100V	
C1562	1-123-356-00	ELECT 10MF 20% 16V	
C1563	1-110-182-81	MYLAR 0.022MF 10% 250V	
C1564	1-129-701-00	FILM 0.01MF 5% 100V	
C1565	1-110-186-81	MYLAR 0.0047MF 10% 400V	
C1566	1-123-357-00	ELECT 22MF 20% 50V	
C1567	1-110-190-81	MYLAR 0.01MF 10% 400V	
C1568	1-123-333-00	ELECT 100MF 20% 16V	
C1569	1-110-182-81	MYLAR 0.022MF 10% 250V	
C1570	1-110-190-81	MYLAR 0.01MF 10% 400V	
C1571	1-108-614-91	MYLAR 0.001MF 10% 100V	
C1574	1-110-171-81	MYLAR 0.047MF 10% 100V	
CONNECTOR			
D19	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P	
DIODE			
D1552	8-719-911-19	DIODE 1SS119	

Ref.No.	Part No.	Description	Remark
IC			
IC1553	8-759-905-39	IC TDA1082	
COIL			
L1551	1-408-242-00	MICRO INDUCTOR 10MMH	
L1552	1-408-247-00	MICRO INDUCTOR 33MMH	
L1553	1-407-509-00	MICRO INDUCTOR 27MMH	
L1554	1-408-245-00	MICRO INDUCTOR 22MMH	
TRANSISTOR			
Q1553	8-729-374-02	TRANSISTOR 2SB740	
Q1554	8-729-195-82	TRANSISTOR 2SC2958	
RESISTOR			
R1554	1-215-150-00	METAL 820 5% 1/4W	
R1555	1-215-722-91	METAL 220 5% 1/6W	
R1556	1-215-182-00	METAL 18K 5% 1/4W	
R1557	1-215-768-91	METAL 18K 5% 1/6W	
R1558	1-215-166-00	METAL 3.9K 5% 1/4W	
R1559	1-215-165-81	METAL 3.6K 5% 1/4W	
R1560	1-215-722-91	METAL 220 5% 1/6W	
R1561	1-215-132-00	METAL 150 5% 1/4W	
R1562	1-215-182-00	METAL 18K 5% 1/4W	
R1563	1-215-694-91	METAL 15 5% 1/6W	
R1564	1-215-762-91	METAL 10K 5% 1/6W	
R1565	1-216-451-11	METAL OXIDE 120 5% 2W	F
R1566	1-215-732-91	METAL 560 5% 1/6W	
R1567	1-215-176-00	METAL 10K 5% 1/4W	
R1568	1-215-716-91	METAL 120 5% 1/6W	
R1569	1-216-423-11	METAL OXIDE 27 5% 1W	F
R1570	1-247-242-00	CARBON 1.2K 5% 1/2W	
R1571	1-215-865-11	METAL OXIDE 220 5% 1W	F
R1572	1-215-710-91	METAL 68 5% 1/6W	
R1573	1-215-802-91	METAL 470K 5% 1/6W	
R1575	1-215-130-00	METAL 120 5% 1/4W	
R1576	1-215-738-91	METAL 1K 5% 1/6W	
R1577	1-215-174-00	METAL 8.2K 5% 1/4W	
R1578	1-215-794-91	METAL 220K 5% 1/6W	
R1579	1-215-772-91	METAL 27K 5% 1/6W	
R1580	1-215-804-91	METAL 560K 5% 1/6W	
R1581	1-215-196-00	METAL 68K 5% 1/4W	
R1586	1-215-712-91	METAL 82 5% 1/6W	
VARIABLE RESISTOR			
RV1551	1-226-771-00	RES, ADJ, METAL GLAZE 1K	
RV1552	1-228-719-00	RES, ADJ, CERAMIC CARBON 470	
RV1553	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K	
RV1554	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
RV1555	1-228-718-00	RES, ADJ, CERAMIC CARBON 330	
RV1556	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV1557	1-228-718-00	RES, ADJ, CERAMIC CARBON 330	
RV1559	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	

Ref.No.	Part No.	Description	Remark
RV1560	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K	
RV1562	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
THERMISTOR			
TH1551	1-800-625-00	THERMISTOR	
TH1552	1-806-110-00	THERMISTOR	

*A-1345-534-A	D BOARD, COMPLETE	*****	
4-303-483-00	HEAD, WASHER, TAPPING SCREW		
*4-342-076-00	HEAT SINK, V.0UT		
4-365-216-00	SPACER, MICA		
*4-368-683-01	SPRING		
*4-368-684-01	SPRING (L)		
*4-375-717-01	HEAT SINK, IC		
CAPACITOR			
C001	1-123-307-00	ELECT 100MF 20% 10V	
C002	1-123-381-00	ELECT 2.2MF 20% 50V	
C003	1-102-973-00	CERAMIC 100PF 5% 50V	
C004	1-110-175-81	MYLAR 0.1MF 10% 100V	
C005	1-123-356-00	ELECT 10MF 20% 50V	
C006	1-102-959-00	CERAMIC 22PF 5% 50V	
C007	1-102-963-00	CERAMIC 33PF 5% 50V	
C008	1-123-356-00	ELECT 10MF 20% 50V	
C009	1-102-114-00	CERAMIC 470PF 10% 50V	
C010	1-123-369-00	ELECT 4.7MF 20% 25V	
C011	1-124-253-00	ELECT 0.47MF 20% 50V	
C012	1-101-004-00	CERAMIC 0.01MF 5% 500V	
C016	1-101-810-00	CERAMIC 100PF 5% 10V	
C017	1-123-306-00	ELECT 47MF 20% 10V	
C017A	1-123-307-00	ELECT 100MF 20% 10V	
C018	1-110-175-81	MYLAR 0.1MF 10% 100V	
C019	1-123-306-00	ELECT 47MF 20% 10V	
C020	1-102-112-00	CERAMIC 330PF 10% 50V	
C022	1-161-377-00	CERAMIC 0.0047MF 20% 50V	
C026	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C201	1-102-114-00	CERAMIC 470PF 10% 50V	
C202	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C203	1-123-380-00	ELECT 1MF 20% 50V	
C204	1-102-114-00	CERAMIC 470PF 10% 50V	
C205	1-123-379-00	ELECT 0.47MF 20% 50V	
C206	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C207	1-123-380-00	ELECT 1MF 20% 50V	
C208	1-123-332-00	ELECT 47MF 20% 16V	
C209	1-110-171-81	MYLAR 0.047MF 10% 100V	
C210	1-108-614-91	MYLAR 0.001MF 10% 100V	
C211	1-123-380-00	ELECT 1MF 20% 50V	
C212	1-123-369-00	ELECT 4.7MF 20% 50V	
C213	1-123-356-00	ELECT 10MF 20% 16V	

Ref.No.	Part No.	Description	Remark
C214	1-123-356-00	ELECT 10MF 20% 16V	
C215	1-123-356-00	ELECT 10MF 20% 16V	
C216	1-123-356-00	ELECT 10MF 20% 16V	
C217	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C218	1-110-184-81	MYLAR 0.033MF 10% 250V	
C219	1-123-356-00	ELECT 10MF 20% 16V	
C220	1-110-171-81	MYLAR 0.047MF 10% 10V	
C221	1-108-614-91	MYLAR 0.001MF 10% 10V	
C222	1-123-322-00	ELECT 330MF 20% 16V	
C223	1-123-380-00	ELECT 1MF 20% 50V	
C224	1-123-380-00	ELECT 1MF 20% 50V	
C225	1-123-322-00	ELECT 330MF 20% 16V	
C226	1-123-330-00	ELECT 22MF 20% 16V	
C227	1-123-330-00	ELECT 22MF 20% 16V	
C228	1-102-945-00	CERAMIC 8PF 1PF 50V	
C229	1-102-108-00	CERAMIC 150PF 10% 50V	
C230	1-110-184-81	MYLAR 0.033MF 10% 250V	
C231	1-123-333-00	ELECT 100MF 20% 16V	
C232	1-123-330-00	ELECT 22MF 20% 16V	
C233	1-102-114-00	CERAMIC 470PF 10% 50V	
C234	1-123-379-00	ELECT 0.47MF 20% 50V	
C235	1-123-330-00	ELECT 22MF 20% 16V	
C236	1-102-114-00	CERAMIC 470PF 10% 50V	
C237	1-123-379-00	ELECT 0.47MF 20% 50V	
C238	1-108-603-00	MYLAR 0.1MF 5% 50V	
C239	1-108-603-00	MYLAR 0.1MF 5% 50V	
C240	1-123-333-00	ELECT 100MF 20% 16V	
C241	1-123-333-00	ELECT 100MF 20% 16V	
C243	1-123-332-00	ELECT 47MF 20% 16V	
C272	1-110-175-81	MYLAR 0.1MF 10% 100V	
C273	1-123-359-00	ELECT 47MF 20% 50V	
C274	1-123-364-00	ELECT 1000MF 20% 50V	
C276	1-123-359-00	ELECT 47MF 20% 50V	
C277	1-110-175-81	MYLAR 0.1MF 10% 100V	
C278	1-123-349-00	ELECT 1000MF 20% 35V	
C279	1-123-343-00	ELECT 33MF 20% 25V	
C280	1-123-349-00	ELECT 1000MF 20% 35V	
C281	1-123-360-00	ELECT 100MF 20% 50V	
C282	1-101-005-00	CERAMIC 0.022MF 50V	
C283	1-101-005-00	CERAMIC 0.022MF 50V	
C284	1-102-106-00	CERAMIC 100PF 10% 50V	
C285	1-102-106-00	CERAMIC 100PF 10% 50V	
C288	1-110-182-81	MYLAR 0.022MF 10% 250V	
C289	1-110-182-81	MYLAR 0.022MF 10% 250V	
C290	1-123-343-00	ELECT 33MF 20% 25V	
C291	1-123-343-00	ELECT 33MF 20% 25V	
C301	1-102-944-00	CERAMIC 7PF 1PF 50V	
C302	1-102-944-00	CERAMIC 7PF 1PF 50V	
C303	1-102-951-00	CERAMIC 15PF 5% 50V	
C304	1-102-816-00	CERAMIC 120PF 5% 50V	
C311	1-123-323-00	ELECT 470MF 20% 16V	
C312	1-123-286-00	ELECT 0.33MF 20% 50V	
C313	1-123-356-00	ELECT 10MF 20% 25V	

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KV2252/56EC/2252ETTX
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
TRANSISTOR				R021	1-215-766-91	METAL	15K 5% 1/6W					R220	1-215-125-00	METAL	75 5% 1/4W	R323	1-215-744-91	METAL	1.8K 5% 1/6W
Q001	8-729-204-83	TRANSISTOR	2SA1048GR	R022	1-215-766-91	METAL	15K 5% 1/6W					R221	1-215-144-00	METAL	470 5% 1/4W	R324	1-215-732-91	METAL	560 5% 1/6W
Q003	8-729-245-83	TRANSISTOR	2SC2458	R023	1-215-714-91	METAL	100 5% 1/6W					R222	1-215-780-91	METAL	56K 5% 1/6W	R325	1-215-142-00	METAL	390 5% 1/4W
Q004	8-729-245-83	TRANSISTOR	2SC2458	R024	1-215-738-91	METAL	1K 5% 1/6W					R228	1-215-780-91	METAL	56K 5% 1/6W	R326	1-215-784-91	METAL	82K 5% 1/6W
Q006	8-729-245-83	TRANSISTOR	2SC2458	R025	1-215-770-91	METAL	22K 5% 1/6W					R229	1-215-730-91	METAL	470 5% 1/6W	R332	1-215-732-91	METAL	560 5% 1/6W
Q007	8-729-603-50	TRANSISTOR	2SC4035P					R026	1-215-766-91	METAL	15K 5% 1/6W					R333	1-215-756-91	METAL	5.6K 5% 1/6W
Q008	8-729-245-83	TRANSISTOR	2SC2458	R027	1-215-144-00	METAL	470 5% 1/4W					R230	1-215-738-91	METAL	1K 5% 1/6W	R334	1-215-161-81	METAL	2.4K 5% 1/4W
Q009	3-729-245-83	TRANSISTOR	2SC2458	R028	1-215-184-00	METAL	22K 5% 1/4W					R231	1-215-728-91	METAL	390 5% 1/6W	R335	1-215-766-91	METAL	15K 5% 1/6W
Q011	8-729-600-27	TRANSISTOR	2SC6345P	R029	1-215-770-91	METAL	22K 5% 1/6W					R232	1-215-104-81	METAL	10 5% 1/4W	R336	1-215-762-91	METAL	10K 5% 1/6W
Q201	8-729-245-83	TRANSISTOR	2SC2458	R030	1-215-184-00	METAL	22K 5% 1/4W					R233	1-215-730-91	METAL	470 5% 1/6W	R337	1-215-762-91	METAL	10K 5% 1/6W
Q206	8-729-245-83	TRANSISTOR	2SC2458	R031	1-215-184-00	METAL	22K 5% 1/4W					R234	1-215-784-91	METAL	82K 5% 1/6W				
				R032	1-215-770-91	METAL	22K 5% 1/6W					R235	1-215-810-91	METAL	1M 5% 1/6W	R338	1-215-738-91	METAL	1K 5% 1/6W
Q207	8-729-204-83	TRANSISTOR	2SA1048GR	R033	1-215-770-91	METAL	22K 5% 1/6W					R236	1-215-762-91	METAL	10K 5% 1/6W	R339	1-215-738-91	METAL	1K 5% 1/6W
Q208	8-729-204-83	TRANSISTOR	2SA1048GR	R034	1-215-770-91	METAL	22K 5% 1/6W					R237	1-215-746-91	METAL	2.2K 5% 1/6W	R340	1-215-728-91	METAL	390 5% 1/6W
Q301	8-729-245-83	TRANSISTOR	2SC2458	R035	1-215-770-91	METAL	22K 5% 1/6W					R238	1-215-744-91	METAL	1.8K 5% 1/6W	R341	1-215-762-91	METAL	390 5% 1/6W
Q309	8-729-245-83	TRANSISTOR	2SC2458					R036	1-215-770-91	METAL	22K 5% 1/6W	R239	1-215-746-91	METAL	2.2K 5% 1/6W	R342	1-215-810-91	METAL	1M 5% 1/6W
Q310	8-729-245-83	TRANSISTOR	2SC2458	R037	1-215-738-91	METAL	1K 5% 1/6W					R240	1-215-762-91	METAL	10K 5% 1/6W	R343	1-215-786-91	METAL	100K 5% 1/6W
Q311	8-729-245-83	TRANSISTOR	2SC2458	R038	1-215-748-91	METAL	2.7K 5% 1/6W					R242	1-215-762-91	METAL	10K 5% 1/6W	R344	1-215-170-00	METAL	5.6K 5% 1/4W
Q312	8-729-245-83	TRANSISTOR	2SC2458	R039	1-215-714-91	METAL	100 5% 1/6W					R243	1-215-789-91	METAL	18K 5% 1/6W	R345	1-215-789-91	METAL	130K 5% 1/6W
Q313	8-729-245-83	TRANSISTOR	2SC2458	R040	1-215-770-91	METAL	22K 5% 1/6W					R244	1-215-180-00	METAL	15K 5% 1/4W	R347	1-215-732-91	METAL	560 5% 1/6W
Q320	8-729-603-50	TRANSISTOR	2SC4035P					R041	1-215-774-91	METAL	33K 5% 1/6W	R245	1-215-734-91	METAL	47K 5% 1/6W	R348	1-215-762-91	METAL	680 5% 1/6W
Q502	8-729-204-83	TRANSISTOR	2SA1048GR	R042	1-215-730-91	METAL	470 5% 1/6W					R247	1-215-158-00	METAL	1.8K 5% 1/4W	R349	1-215-756-91	METAL	5.6K 5% 1/6W
Q504	8-729-204-83	TRANSISTOR	2SA1048GR	R043	1-215-730-91	METAL	470 5% 1/6W					R248	1-215-152-00	METAL	1K 5% 1/4W	R350	1-215-760-91	METAL	8.2K 5% 1/6W
Q505	8-729-168-82	TRANSISTOR	2SC2688	R044	1-215-738-91	METAL	1K 5% 1/6W					R249	1-215-158-00	METAL	1.8K 5% 1/4W	R351	1-215-770-91	METAL	22K 5% 1/6W
Q506	8-729-169-02	TRANSISTOR	2SC2690A	R045	1-215-152-00	METAL	1K 5% 1/4W					R251	1-215-714-91	METAL	100 5% 1/6W	R352	1-215-744-91	METAL	1.8K 5% 1/6W
Q507	8-729-122-02	TRANSISTOR	2SA1220A					R046	1-215-754-91	METAL	4.7K 5% 1/6W	R252	1-215-714-91	METAL	100 5% 1/6W	R353	1-215-750-91	METAL	3.3K 5% 1/6W
Q508	8-729-195-82	TRANSISTOR	2SC2958	R047	1-215-714-91	METAL	100 5% 1/6W					R253	1-215-714-91	METAL	100 5% 1/6W	R354	1-215-790-91	METAL	150K 5% 1/6W
				R048	1-215-778-91	METAL	47K 5% 1/6W					R254	1-215-714-91	METAL	100 5% 1/6W	R356	1-215-764-91	METAL	12K 5% 1/6W
Q510	8-729-245-83	TRANSISTOR	2SC2458	R049	1-216-464-11	METAL OXIDE	18K 5% 2W F					R255	1-215-164-00	METAL	3.3K 5% 1/4W	R357	1-215-756-91	METAL	5.6K 5% 1/6W
Q511	8-729-245-83	TRANSISTOR	2SC2458	R050	1-217-387-00	FUSIBLE	10 5% 1/4W F					R256	1-215-164-00	METAL	3.3K 5% 1/4W	R358	1-215-768-91	METAL	18K 5% 1/6W
Q512	8-729-900-36	TRANSISTOR	DTG124E5					R052	1-215-152-00	METAL	1K 5% 1/4W	R257	1-215-125-00	METAL	75 5% 1/4W	R359	1-215-766-91	METAL	15K 5% 1/6W
Q551	8-729-177-43	TRANSISTOR	2SD774	R053	1-215-790-91	METAL	150K 5% 1/6W					R278	1-217-387-00	FUSIBLE	10 5% 1/4W F	R360	1-215-196-00	METAL	68K 5% 1/4W
Q552	8-729-374-02	TRANSISTOR	2SB740	R054	1-215-722-91	METAL	220 5% 1/6W					R279	1-217-387-00	FUSIBLE	10 5% 1/4W F	R362	1-215-160-00	METAL	2.2K 5% 1/4W
Q802	8-729-300-90	TRANSISTOR	2SD1497-06	R055	1-215-766-91	METAL	15K 5% 1/6W					R280	1-215-786-91	METAL	100K 5% 1/6W	R364	1-215-746-91	METAL	2.2K 5% 1/6W
Q803	8-719-801-06	THYRISTOR	S6344G	R057	1-215-762-91	METAL	10K 5% 1/6W					R281	1-215-756-91	METAL	5.6K 5% 1/6W	R365	1-215-764-91	METAL	12K 5% 1/6W
RESISTOR				R060	1-215-732-91	METAL	560 5% 1/6W					R282	1-215-754-91	METAL	4.7K 5% 1/6W	R366	1-215-160-00	METAL	2.2K 5% 1/4W
R001	1-215-738-91	METAL	1K 5% 1/6W	R201	1-215-146-00	METAL	560 5% 1/4W					R283	1-215-152-00	METAL	1K 5% 1/4W	R367	1-215-722-91	METAL	220 5% 1/6W
R002	1-215-738-91	METAL	1K 5% 1/6W	R202	1-215-146-00	METAL	560 5% 1/4W					R284	1-247-107-00	CARBON	100 5% 1/4W F	R368	1-215-722-91	METAL	220 5% 1/6W
R003	1-215-738-91	METAL	1K 5% 1/6W	R203	1-215-168-00	METAL	4.7K 5% 1/4W					R285	1-215-754-91	METAL	4.7K 5% 1/6W	R369	1-215-722-91	METAL	220 5% 1/6W
R004	1-215-722-91	METAL	220 5% 1/6W	R204	1-215-168-00	METAL	4.7K 5% 1/4W					R286	1-215-756-91	METAL	5.6K 5% 1/6W	R370	1-215-144-00	METAL	470 5% 1/4W
R005	1-215-722-91	METAL	220 5% 1/6W					R205	1-215-174-00	METAL	8.2K 5% 1/4W	R287	1-215-786-91	METAL	100K 5% 1/6W	R371	1-215-714-91	METAL	100 5% 1/6W
R006	1-215-722-91	METAL	220 5% 1/6W	R206	1-215-776-91	METAL	39K 5% 1/6W					R288	1-215-788-91	METAL	120K 5% 1/6W	R373	1-215-152-00	METAL	1K 5% 1/4W
R007	1-215-722-91	METAL	220 5% 1/6W	R207	1-215-164-00	METAL	3.3K 5% 1/4W					R289	1-215-778-91	METAL	47K 5% 1/6W	R376	1-215-186-00	METAL	27K 5% 1/4W
R008	1-215-722-91	METAL	220 5% 1/6W	R208	1-215-750-91	METAL	3.3K 5% 1/6W					R297	1-215-730-91	METAL	470 5% 1/6W	R377	1-215-186-00	METAL	27K 5% 1/4W
R009	1-215-722-91	METAL	220 5% 1/6W	R209	1-215-762-91	METAL	10K 5% 1/6W					R298	1-215-730-91	METAL	470 5% 1/6W	R378	1-215-768-91	METAL	18K 5% 1/6W
R010	1-215-722-91	METAL	220 5% 1/6W					R210	1-215-762-91	METAL	10K 5% 1/6W	R301	1-215-156-00	METAL	1.5K 5% 1/4W	R379	1-215-771-91	METAL	24K 5% 1/6W
R011	1-215-722-91	METAL	220 5% 1/6W	R211	1-215-156-00	METAL	1.5K 5% 1/4W					R302	1-215-742-91	METAL	1.5K 5% 1/6W	R380	1-215-784-91	METAL	82K 5% 1/6W
R012	1-215-706-91	METAL	47 5% 1/6W	R213	1-215-802-91	METAL	470K 5% 1/6W					R303	1-215-723-91	METAL	240 5% 1/6W	R382	1-215-738-91	METAL	1K 5% 1/6W
R013	1-215-722-91	METAL	220 5% 1/6W	R214	1-215-742-91	METAL	1.5K 5% 1/6W					R304	1-215-762-91	METAL	10K 5% 1/6W	R383	1-215-738-91	METAL	1K 5% 1/6W
R014	1-215-754-91	METAL	4.7K 5% 1/6W	R216	1-215-762-91	METAL	10K 5% 1/6W					R305	1-215-730-91	METAL	470 5% 1/6W	R385	1-215-748-91	METAL	2.7K 5% 1/6W
R015	1-215-754-91	METAL	4.7K 5% 1/6W					R217	1-215-738-91	METAL	1K 5% 1/6W	R306	1-215-730-91	METAL	470 5% 1/6W	R386	1-215-748-91	METAL	2.7K 5% 1/6W
R016	1-215-168-00	METAL	4.7K 5% 1/4W	R218	1-215-794-91	METAL	220K 5% 1/6W					R307	1-215-734-91	METAL	680 5% 1/6W	R387	1-215-748-91	METAL	2.7K 5% 1/6W
R017	1-215-152-00	METAL	1K 5% 1/4W	R219	1-215-794-91	METAL	220K 5% 1/6W												

H1

517

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>			
	*1-608-613-00	R1 BOARD *****				
	4-348-542-00	TERMINAL (A), BATTERY				
	4-348-543-00	TERMINAL (B), BATTERY				
		<u>CAPACITOR</u>				
C01	1-161-315-00	CERAMIC	220PF	10%	50V	
C02	1-161-315-00	CERAMIC	220PF	10%	50V	
		<u>FILTER</u>				
CF01	1-527-476-00	OSCILLATOR, CERAMIC				
		<u>IC</u>				
IC01	8-759-600-07	IC M50119P				
		<u>TRANSISTOR</u>				
Q01	8-729-378-84	TRANSISTOR 2SD788				

	*1-608-614-00	R2 BOARD *****				
		<u>DIODE</u>				
LED01	8-719-900-23	DIODE GL-2AR1				
LED02	8-719-107-82	DIODE SE303AY				
		<u>RESISTOR</u>				
R02	1-215-698-91	METAL	22	5%	1/6W	
R03	1-247-767-00	CARBON	2.2	5%	1/6W	

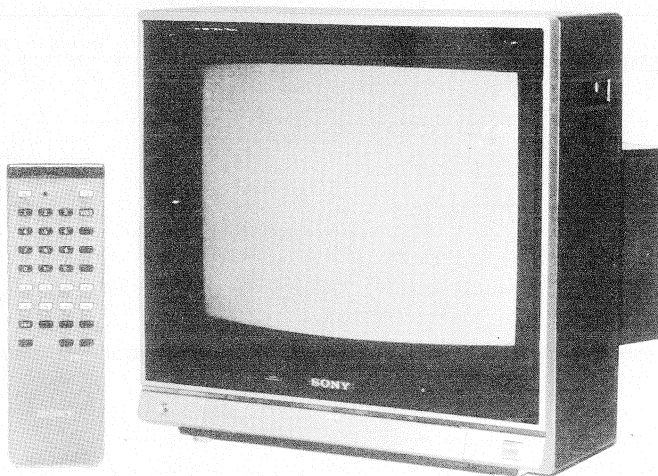
KV-2252EC

RM-635

SERVICE MANUAL

West Germany Model

Chassis No. SCC-660H-A



December, 1985

RX CHASSIS

SPECIFICATIONS

Television system	CCIR TV standards (system B, G and H)	Power requirements	220-240V ac, 50 Hz
Color system	PAL	Power consumption	125W
Channel coverage	VHF channels E2 - U20 UHF channels E21 - E68	Dimensions	Approx. 567 × 545 × 445 mm (w/h/d)
Programing system	30 programmes Automatic programing digital tuning	Weight	Approx. 37Kg
Picture tube	Approx. 56 cm (22 inches) 114-degree deflection Trinitron system (Approx. 53.8 cm screen measured diagonally)	Accessory supplied	RM-635 Remote commander (1)
Antenna	75-ohm standard antenna socket (DIN 45325/IEC 169-2)	Optional accessory	OPK-202 SECAM adaptor OPK-203 teletext adaptor
Speakers	Two speakers Approx. 10 cm dia.	RM-635	
Audio output	5W+5W (with 10% harmonic distortion) 12W+12W (music power)	Remote control system	Infrared control
Input	21-pin connector in accordance with the requirements of CENELEC standard	Power requirements	3 V dc 2 batteries IEC designation R03 (size AAA)
Outputs	Audio output connector (5-pin DIN) Recording output 1 mVrms/kilohm Line output Variable, 0-2 Vrms (max.) Impedance less than 1 kilohm External speaker terminals (2-pin DIN) For 8-16 ohm speakers Headphones jack (stereo phone jack)	Dimensions	Approx. 54x16x165mm (w/h/d)
		Weight	Approx. 100 g including batteries
		Accessory supplied	IEC designation R03 battery (2)

Design and specifications subject to change without notice




TRINITRON® COLOR TV
SONY®

CTV

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SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

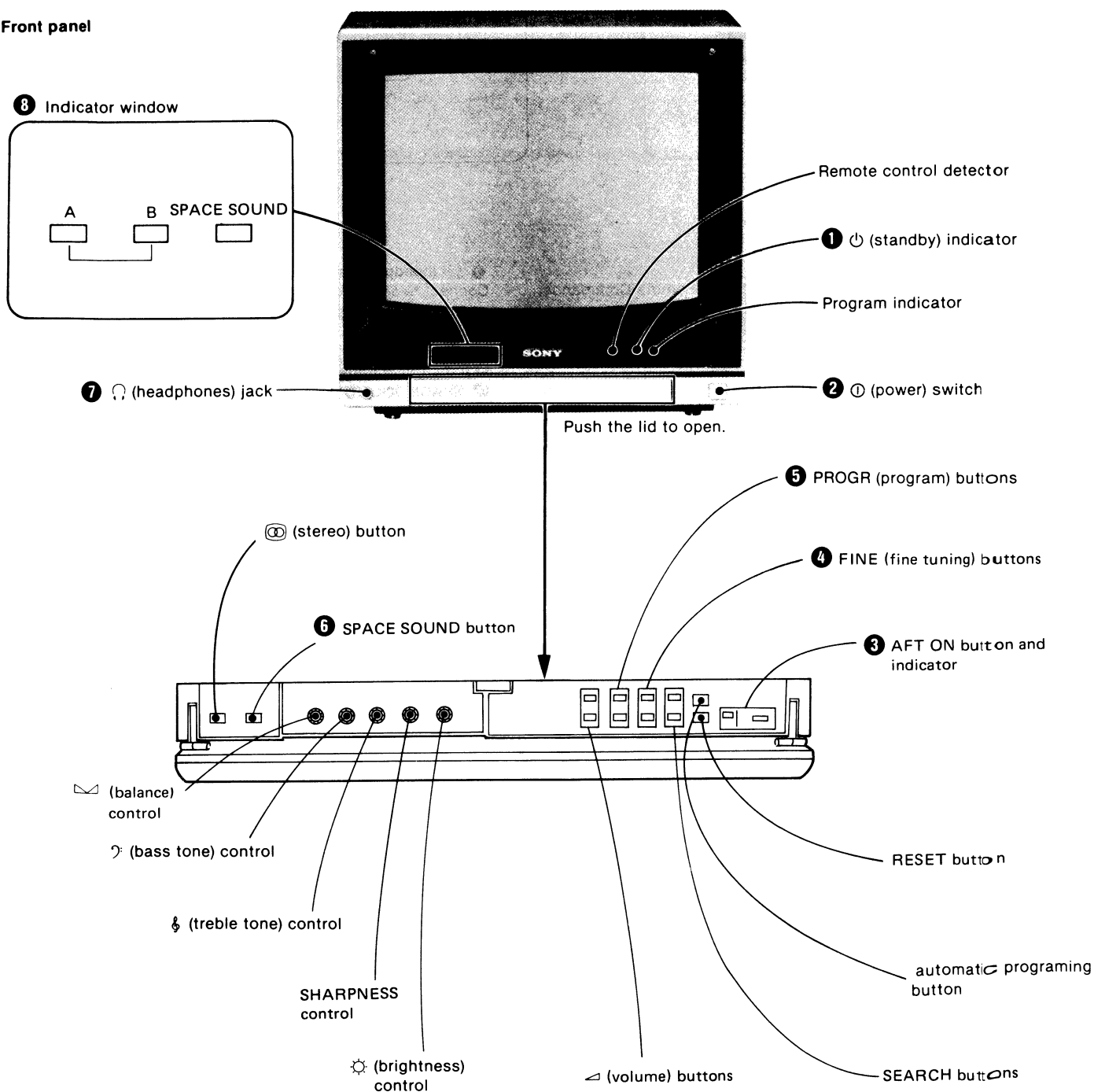
1-1. FEATURES

- Remote control, color television with a multi-function Remote Commander
- Reception of all VHF and UHF channels based on CCIR TV standards and PAL color system
- Easy and stable tuning of up to 30 TV programs
- Two convenient systems of program presetting: automatic programming and manual programming

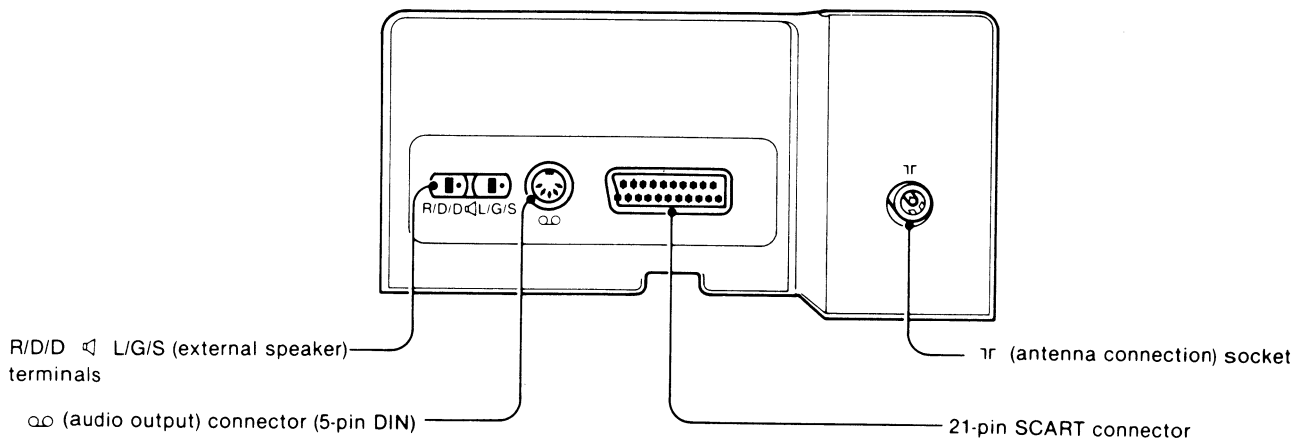
- 21-pin SCART connector for audio/video inputs and outputs, RGB inputs, etc. for connection with a VTR, video game, home computer or other equipment available in the near future.
- A stereo decoder can be built in for stereo sound and dual-sound program reception
- Energy-saving quick start picture system
- Smoked glass over the screen for a glare-free picture with optimum contrast.

1-2. LOCATION AND FUNCTION OF CONTROLS

Front panel



Rear panel



1 (standby) indicator

Lights up when the TV is turned off with the Remote Commander. When any of the buttons on the Remote Commander is pressed, this lamp blinks.

2 (power) switch

Press to turn the TV on. Press again to turn it off. When this switch is turned off, you cannot turn the power on with the supplied Remote Commander.

3 AFT (automatic fine tuning) ON button and indicator

The AFT circuit activates automatically after the stations are tuned and memorized in automatic and manual programming. The indicator will illuminate. In case you want to restore the automatic fine tuning on the channel which has been fine-tuned manually with the SINTONIA FINE buttons, press this button.

4 FINE (fine tuning) buttons

Keep either + or – depressed to get a clear picture for each unsatisfactory channel. The automatic fine-tuning circuit will be automatically deactivated on the channel fine-tuned with these buttons.

5 PROGR (program) buttons

Press either + or – to select a preset program from positions 1 through 30. The selected program number will appear on the program indicator. Note that program 30 is "0" on the program indicator. Press + for higher-numbered programs, and – for lower-numbered programs. Programs will be changed continuously in sequence. If there is annoying noise at an unused program position, eliminate it by pressing the RISISTEM button.

6 SPACE SOUND button

Press to get special acoustic effects (for example, more presence). The SUONO PANORAMICO indicator will illuminate. To disengage, press it again.

7 (headphones) jack

Connect headphones here. Speaker sound will be disconnected. If your headphones' plug does not fit the jack, use an optional plug adaptor.

8 Indicator window

a SPACE SOUND indicator

b A/B indicators

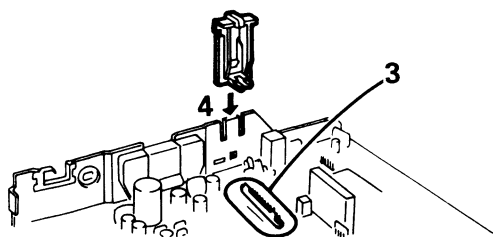
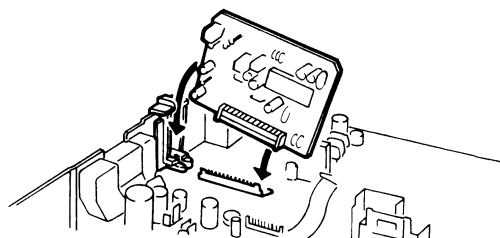
When a dual-sound program is received while the (A/B) button is pressed, A or B will light up. When a stereo program is received while the (A/B) button is pressed, A and B indicators will light up.

SECTION 2

OPK-202,203 ATTACHING

2-1. OPK-202 ATTACHING

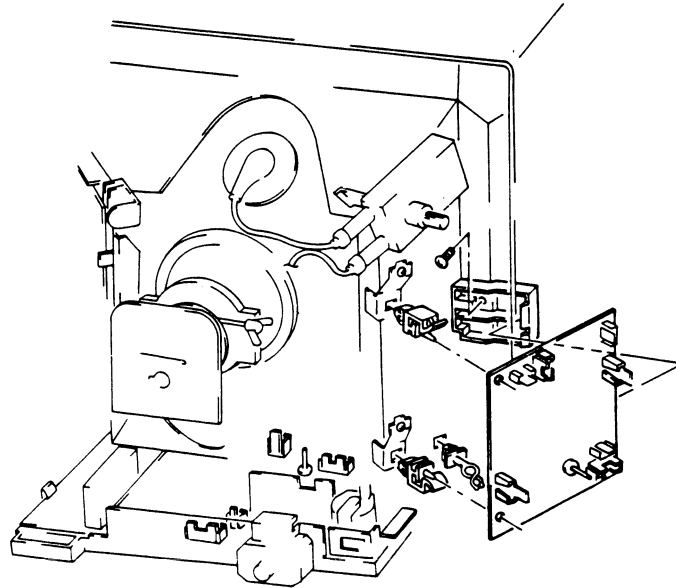
- 1 Remove the rear panel.
- 2 Pull out the main D board.
- 3 Cut off the five soldered connections marked SCM on the D-board:
JW 158, 169, 170, 171 and 172.
- 4 Insert the larger holder into the lefthand side frame.
- 5 Insert the adaptor into the D-20 board aligning the righthand pins first, and slide into the slot of the holder.
- 6 Connect the power plug, and check that the SECAM program is displayed in color.
7. Disconnect the power plug again and attach the rear panel.



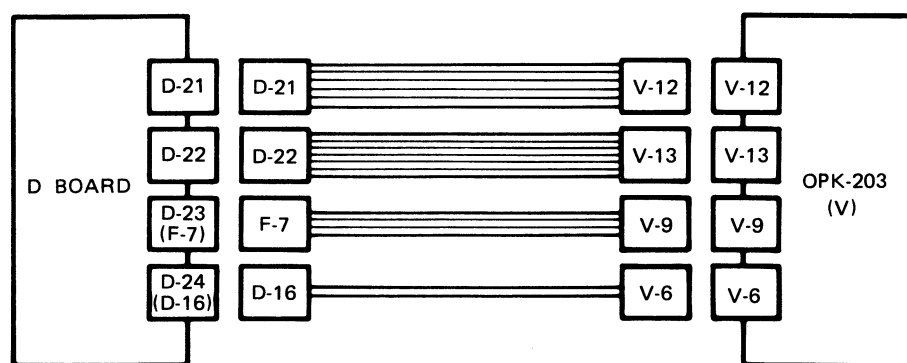
2-2. OPK-203 ATTACHING

Before installing the adaptor, unplug the set from the wall outlet.

1. Unscrew and remove the rear panel.
2. Unfasten the screws and pull out the main D board.
3. Attach the OPK-203 board on the set in the reserved position using the holder or sash provided.



4. Connect to the reserve terminals as the connector.
Connected terminals are coloured red. (except D-24)



5. Cut out the D004 of the D board.
6. **PICTURE ADJUSTMENT**
RV3: Adjust this VR to give the optimum contrast on TXT display.
RV2: Adjust this VR to obtain stable picture on non-interlace models.
7. Attach the rear panel.

SECTION 3

EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

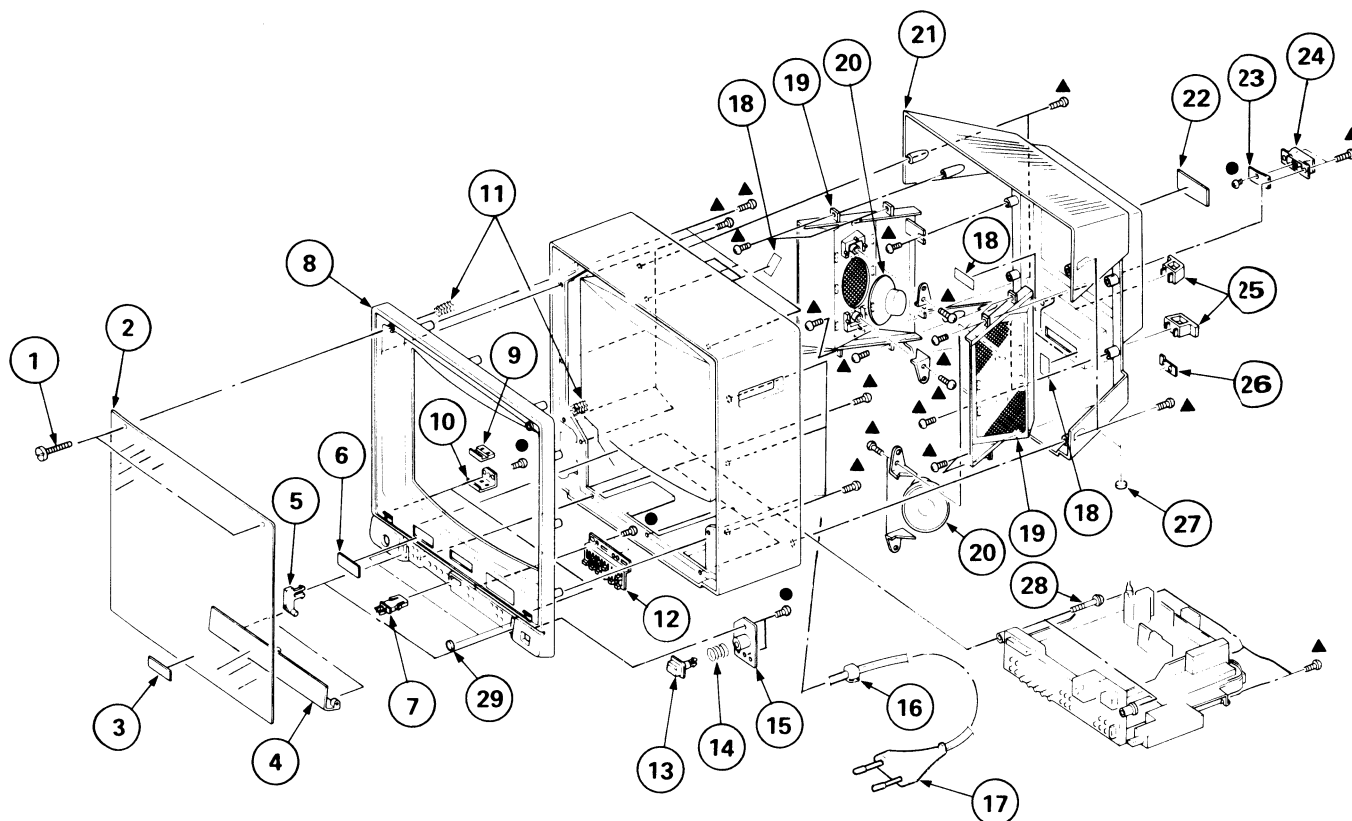
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

3-1. BEZEL

● :TA,BV 3x12 7-685-648-71

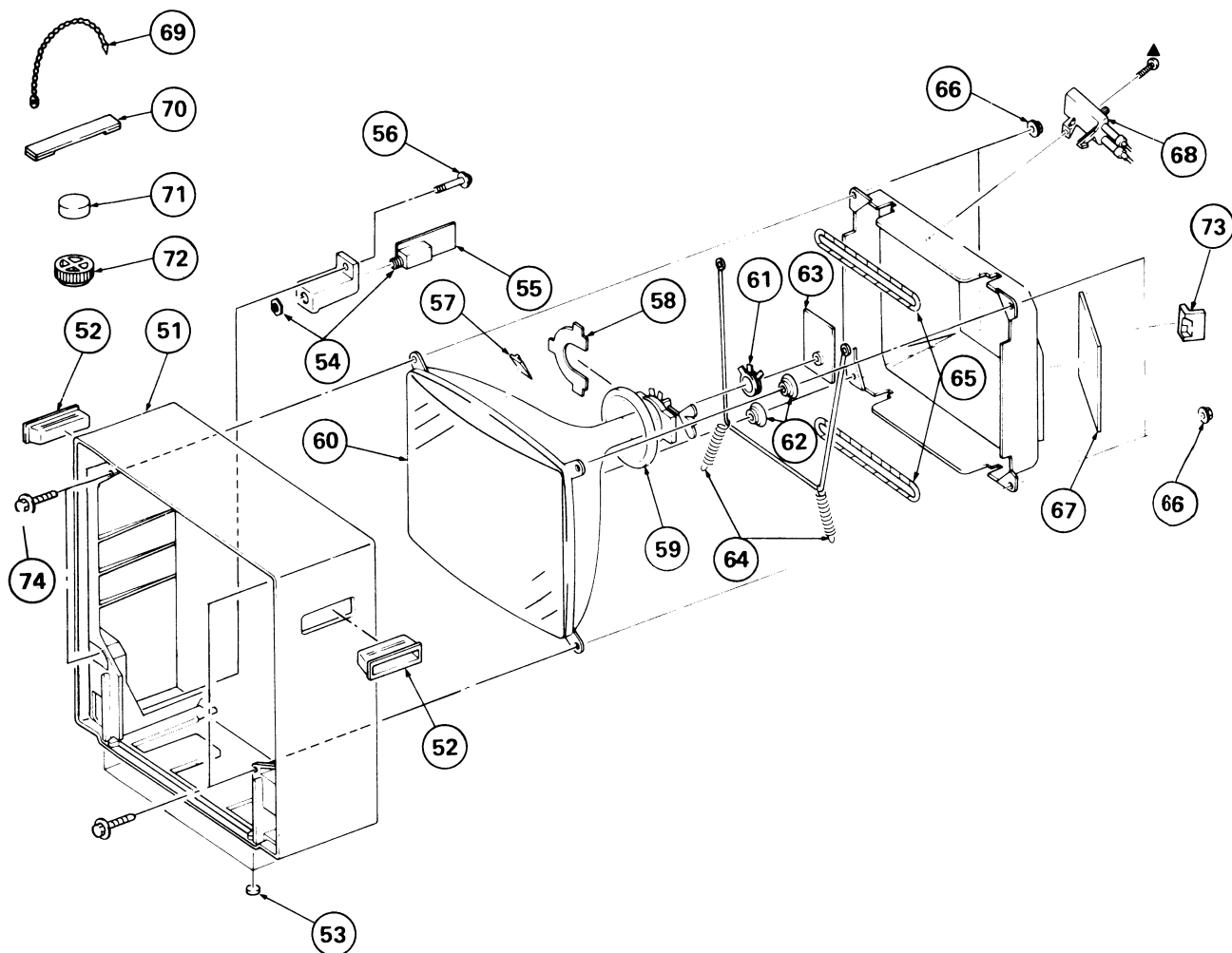
▲ :TA,BV 4x16 7-685-663-71



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-336-851-11	SCREW, ORNAMENTAL		16	▲ 4-022-115-01	HOLDER, AC CORD	
2	4-368-614-02	FILTER, GLASS		17	▲ 1-551-270-11	CORD, POWER	
3	X-3701-084-0	EMBLEM (LARGE) ASSY, SONY		18	3-831-441-XX	CLOTH, INSULATING	
4	4-362-225-51	DOOR, CONTROL		19	X-4362-203-2	PLATE ASSY, BAFFLE, SPEAKER	
5	4-362-203-00	SHAFT, DOOR		20	1-503-496-21	SPEAKER	
6	*4-362-289-00	PLATE, ORNAMENTAL, INDICATOR		21	4-368-603-21	COVER, BACK	
7	4-352-034-00	CATCHER, PUSH		22	*4-368-791-01	LABEL, MODEL NUMBER	
8	X-4368-607-6	BEZEL ASSY	4-7,9-11,29	23	*1-614-117-11	J2 BOARD	
9	4-336-808-00	PROTECTOR, FILTER		24	4-368-615-00	COVER, CONNECTOR	
10	*4-362-201-00	HOLDER, FILTER		25	4-316-003-00	HOLDER, CORD	
11	4-357-414-00	NUT (M4X20)		26	4-329-127-00	CLAMP, CORD	
12	4-368-612-11	BUTTON, MULTI		27	4-809-913-XX	FOOT, F	
13	X-4362-201-0	BUTTON ASSY, POWER		28	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
14	4-362-278-00	SPRING, COMPRESSION		29	4-314-871-00	CUSHION	
15	*4-362-206-00	HOLDER, POWER BUTTON					

3-2. CRT

▲ :TA,BV 4x12 7-685-661-14



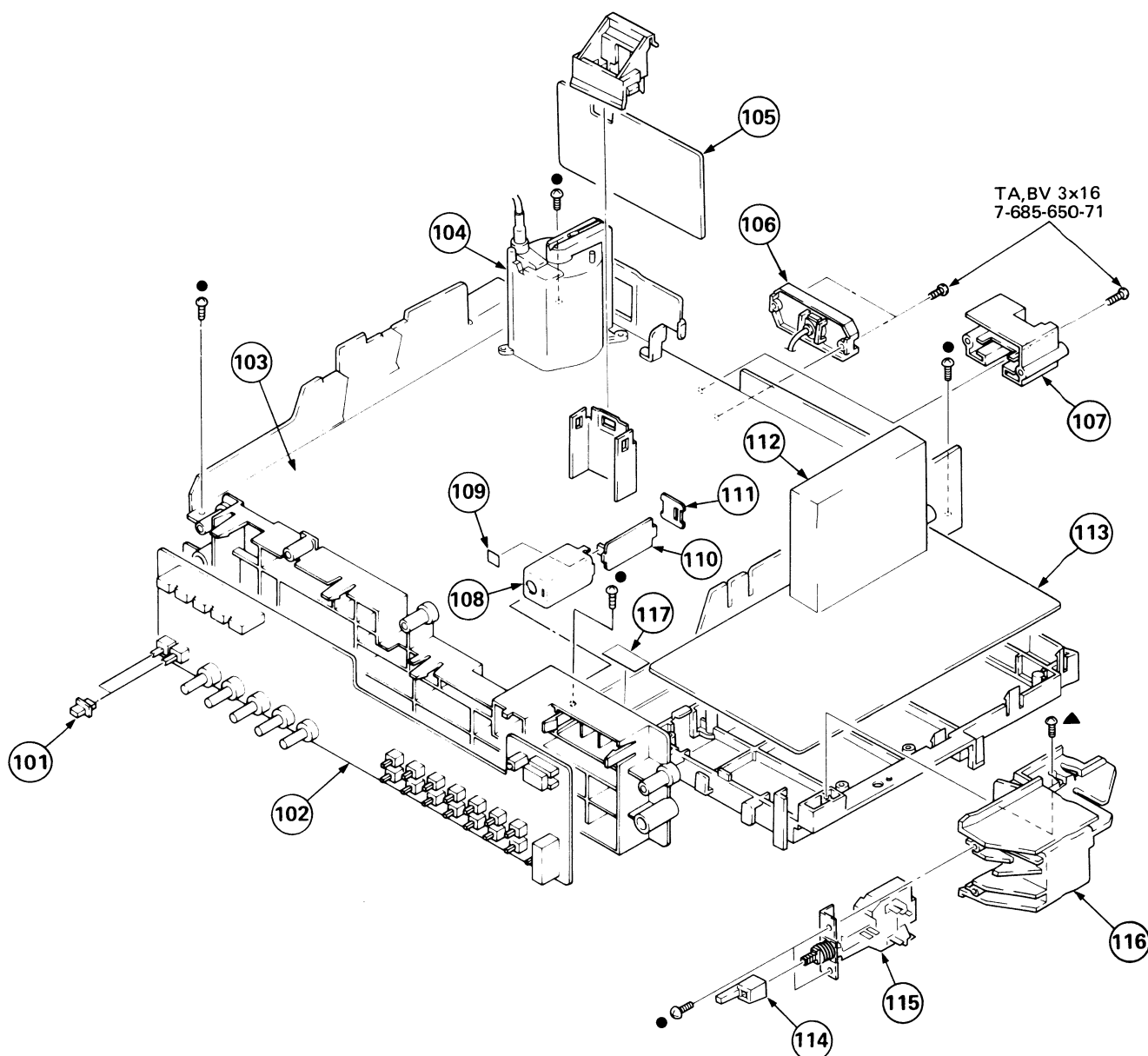
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	4-368-618-21	CABINET		63	*A-1330-623-A	C BOARD, COMPLETE	
52	4-318-207-21	HANDLE		64	4-303-774-XX	SPRING	
53	4-809-913-XX	FOOT, F		65	▲ 1-426-042-42	COIL, DEGAUSSING	
54	1-507-657-00	JACK		66	4-306-034-00	FLANGE NUT, (B) 5MM	
55	*1-614-116-11	J1 BOARD		67	*A-1245-317-A	F BOARD, COMPLETE	
56	4-319-520-00	SCREW, SPECIAL (+PW4X30)		68	▲ 1-226-733-13	RESISTOR ASSY, HIGH-VOLTAGE	
57	3-703-003-00	SPACER, DY		69	4-308-870-00	CLIP, LEAD WIRE	
58	1-452-146-21	MAGNET, BMC		70	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
59	▲ 1-451-242-31	DEFLECTION YOKE (SY-88S)		71	1-452-032-00	MAGNET, DISK; 10MM Ø	
60	▲ 8-737-451-05	CRT (A53JBW02X)		72	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
61	▲ 1-452-316-11	CRT NECK ASSY (NA291)		73	*4-375-709-01	COVER, FUSE	
62	4-368-634-00	WASHER		74	3-703-025-12	BOLT M5, HEXAGON-HEAD	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

3-3. CHASSIS

● :TA,BV 3x12 7-685-648-71

▲ :TA,BV 4x16 7-685-663-71



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	4-362-211-00	PUSH BUTTON		110	*1-611-717-11	N BOARD	
102	*1-615-414-11	H1 BOARD		111	*4-342-118-00	LID, SHIELD CASE, R	
103	*A-1345-545-A	D BOARD, COMPLETE		112	▲1-463-577-11	TUNER, ET (BT-883A)	
104	▲1-439-331-41	TRANSFORMER ASSY, FLYBACK		113	*A-1296-016-A	A BOARD, COMPLETE	
105	*A-1340-722-A	D1 BOARD, COMPLETE		114	4-368-611-00	CAP, SWITCH	
106	▲1-536-797-11	TERMINAL BOARD ASSY, ANTENNA		115	▲1-554-762-21	SWITCH, PUSH (AC POWER)(1 KEY)	
107	*4-368-616-00	BRACKET, CONNECTOR		116	*4-368-690-01	BRACKET, SW	
108	*4-342-117-00	CASE, SHIELD (MAIN), R		117	3-831-441-XX	CLOTH, INSULATING	
109	*4-333-624-00	FILM (N), SPECIAL					

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

F

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

SECTION 4
ELECTRICAL PARTS LIST

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μ F, PF : μ F

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μ H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	*A-1245-317-A	F BOARD, COMPLETE *****		C667	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
	*4-323-833-00	HEAT SINK, PIN OUT				DIODE	
	4-365-216-00	SPACER, MICA		D601	8-719-503-06	DIODE S3WB60Z	
	*4-368-683-01	SPRING		D602	8-719-100-65	DIODE RD12E-B2	
				D603	8-719-911-19	DIODE 1SS119	
				D604	8-759-157-40	IC UPC574J	
				D605	8-719-924-06	DIODE ERC24-06S	
				D606	8-719-911-19	DIODE 1SS119	
				D607	8-719-911-19	DIODE 1SS119	
				D608	8-719-911-19	DIODE 1SS119	
				D609	8-719-305-15	DIODE GH3F	
				D651	8-719-928-08	DIODE ERD28-08S	
				D652	8-719-924-06	DIODE ERC24-06S	
				D653	8-719-924-06	DIODE ERC24-06S	
				D654	8-719-901-93	DIODE V19E	
				D654A	8-719-901-93	DIODE V19E	
				D655	8-719-901-93	DIODE V19E	
				D655A	8-719-901-93	DIODE V19E	
				D656	8-719-924-06	DIODE ERC24-06S	
				D657	8-719-924-06	DIODE ERC24-06S	
				D658	8-719-102-74	DIODE RD6.2E-N2	
				D659	8-719-102-79	DIODE RD6.8E-N3	
				D660	8-719-911-19	DIODE 1SS119	
				D661	8-719-911-19	DIODE 1SS119	
				D663	8-719-102-74	DIODE RD6.2E-N2	
				D664	8-719-100-65	DIODE RD12E-B2	
						CONNECTOR	
				F1	*1-506-349-21	3P PLUG (L)	
				F2	*1-508-765-00	3P PLUG (M)	
				F3	*1-508-786-00	2P PLUG (M)	
				F4	*1-508-765-00	3P PLUG (M)	
				F6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
				F7	*1-564-883-11	PLUG, CONNECTOR 6P	
						FUSE	
				F601	Δ 1-532-465-31	FUSE 3.15A/250V	
					1-533-149-00	HOLDER, FUSE; F601	
						IC	
				IC601	8-759-100-75	IC UPC1394C	
				IC602	Δ 8-719-800-82	DIODE TLP581	
				IC651	8-759-145-58	IC UPC4558C	
						COIL	
				L601	1-407-365-00	COIL, CHOKE	
				L651	1-425-613-00	COIL, AIR-CORE, QF TYPE	
				L652	1-459-442-00	COIL (WITH CORE)	
						TRANSISTOR	
				Q601	8-729-195-82	TRANSISTOR 2SC2958	

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

A

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>CONNECTOR</u>				C151	1-101-004-00	CERAMIC 0.01MF	50V
A1	*1-564-880-31	PLUG, CONNECTOR 3P		C152	1-101-004-00	CERAMIC 0.01MF	50V
A2	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P		C153	1-123-356-00	ELECT 10MF	20% 16V
A3	*1-564-889-11	PLUG, CONNECTOR 12P		C154	1-101-004-00	CERAMIC 0.01MF	50V
<u>CAPACITOR</u>				C155	1-123-332-00	ELECT 47MF	20% 16V
C102	1-110-175-81	MYLAR 0.1MF	10% 100V	C156	1-123-306-00	ELECT 47MF	20% 10V
C104	1-123-356-00	ELECT 10MF	20% 16V	C157	1-123-306-00	ELECT 47MF	20% 10V
C105	1-123-356-00	ELECT 10MF	20% 16V	C158	1-123-379-00	ELECT 0.47MF	20% 50V
C106	1-123-323-00	ELECT 470MF	20% 16V	C159	1-102-816-00	CERAMIC 120PF	5% 50V
C107	1-123-330-00	ELECT 22MF	20% 16V	C164	1-108-620-91	MYLAR 0.0033MF	10% 100V
C108	1-136-163-00	FILM 0.068MF	5% 50V	C165	1-108-620-91	MYLAR 0.0033MF	10% 100V
C109	1-136-163-00	FILM 0.068MF	5% 50V	C167	1-108-620-91	MYLAR 0.0033MF	10% 100V
C110	1-102-963-00	CERAMIC 33PF	5% 50V	C168	1-108-620-91	MYLAR 0.0033MF	10% 100V
C111	1-123-318-00	ELECT 33MF	20% 16V	C169	1-123-356-00	ELECT 10MF	20% 16V
C112	1-102-530-00	CERAMIC 120PF	5% 50V	C170	1-123-356-00	ELECT 10MF	20% 16V
C113	1-102-530-00	CERAMIC 120PF	5% 50V	C171	1-123-318-00	ELECT 33MF	20% 16V
C114	1-102-851-00	CERAMIC 15PF	5% 50V	C172	1-123-379-00	ELECT 0.47MF	20% 50V
C115	1-102-518-00	CERAMIC 33PF	5% 50V	C173	1-123-379-00	ELECT 0.47MF	20% 50V
C116	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C174	1-110-190-81	MYLAR 0.01MF	10% 400V
C117	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C175	1-110-190-81	MYLAR 0.01MF	10% 400V
C118	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C176	1-123-380-00	ELECT 1MF	20% 50V
C119	1-108-603-00	MYLAR 0.1MF	5% 50V	C177	1-123-380-00	ELECT 1MF	20% 50V
C120	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C179	1-123-369-00	ELECT 4.7MF	20% 25V
C122	1-123-330-00	ELECT 22MF	20% 16V	C180	1-108-620-91	MYLAR 0.0033MF	10% 100V
C123	1-102-108-00	CERAMIC 150PF	10% 50V	C181	1-123-318-00	ELECT 33MF	20% 16V
C124	1-104-069-00	POLYSTYRENE 470PF	5% 50V	C182	1-123-307-00	ELECT 100MF	20% 10V
C126	1-123-318-00	ELECT 33MF	20% 16V	C183	1-101-361-00	CERAMIC 150PF	5% 50V
C127	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C184	1-102-973-00	CERAMIC 100PF	5% 50V
C128	1-101-004-00	CERAMIC 0.01MF	50V	C186	1-102-121-00	CERAMIC 0.0022MF	10% 50V
C129	1-101-004-00	CERAMIC 0.01MF	50V	C188	1-102-125-00	CERAMIC 0.0047MF	10% 50V
C130	1-102-125-00	CERAMIC 0.0047MF	10% 50V	<u>DISCRIMINATOR</u>			
C131	1-123-381-00	ELECT 2.2MF	20% 50V	CD151	1-404-501-00	DISCRIMINATOR, CERAMIC	
C132	1-102-125-00	CERAMIC 0.0047MF	10% 50V	<u>FILTER</u>			
C133	1-102-125-00	CERAMIC 0.0047MF	10% 50V	CF101	1-527-840-00	FILTER, CERAMIC	
C134	1-102-125-00	CERAMIC 0.0047MF	10% 50V	CF102	1-404-134-00	TRAP, CERAMIC (5.5MHZ)	
C135	1-102-525-00	CERAMIC 68PF	5% 50V	CF151	1-527-839-00	FILTER, CERAMIC	
C136	1-102-525-00	CERAMIC 68PF	5% 50V	SWF101	1-404-438-00	FILTER, SAW	
C137	1-102-125-00	CERAMIC 0.0047MF	10% 50V	<u>DIODE</u>			
C138	1-123-380-00	ELECT 1MF	20% 50V	D101	8-719-911-19	DIODE 1SS119	
C139	1-102-125-00	CERAMIC 0.0047MF	10% 50V	D102	8-719-911-19	DIODE 1SS119	
C140	1-102-125-00	CERAMIC 0.0047MF	10% 50V	D103	8-719-102-71	DIODE RD5.6E-N2	
C141	1-123-318-00	ELECT 33MF	20% 16V	D104	8-719-911-19	DIODE 1SS119	
C142	1-102-525-00	CERAMIC 68PF	5% 50V	D105	8-719-911-19	DIODE 1SS119	
C143	1-101-004-00	CERAMIC 0.01MF	50V	D151	8-719-911-19	DIODE 1SS119	
C144	1-123-286-00	ELECT 0.33MF	20% 50V	D152	8-719-911-19	DIODE 1SS119	
C145	1-102-961-00	CERAMIC 27PF	5% 50V	D153	8-719-911-19	DIODE 1SS119	
C146	1-123-380-00	ELECT 1MF	20% 50V	D154	8-719-911-19	DIODE 1SS119	
C147	1-130-072-00	FILM 0.022MF	2% 100V	D170	8-719-911-19	DIODE 1SS119	
C148	1-110-186-81	MYLAR 0.0047MF	10% 400V	D171	8-719-911-19	DIODE 1SS119	
C149	1-102-529-00	CERAMIC 100PF	5% 50V				
C150	1-102-852-00	CERAMIC 47PF	5% 50V				

A

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>IC</u>							
IC101	8-759-909-08	IC TDA3541		R110	1-215-746-91	METAL 2.2K 5% 1/6W	
IC102	8-759-909-54	IC TDA2546A		R111	1-215-754-91	METAL 4.7K 5% 1/6W	
IC103	8-759-602-16	IC M54572L		R112	1-215-734-91	METAL 680 5% 1/6W	
IC151	8-759-007-54	IC TDA4940		R113	1-215-752-91	METAL 3.9K 5% 1/6W	
IC152	8-759-007-55	IC TDA4944		R114	1-215-722-91	METAL 220 5% 1/6W	
<u>COIL</u>							
L101	1-404-476-00	COIL, IF		R115	1-215-742-91	METAL 1.5K 5% 1/6W	
L102	1-404-476-00	COIL, IF		R116	1-215-730-91	METAL 470 5% 1/6W	
L103	1-408-399-00	MICRO INDUCTOR 1.5UH		R117	1-215-710-91	METAL 68 5% 1/6W	
L104	1-408-406-00	MICRO INDUCTOR 5.6UH		R118	1-215-724-91	METAL 270 5% 1/6W	
L105	1-404-477-00	COIL, IF		R119	1-215-730-91	METAL 470 5% 1/6W	
L106	1-404-493-00	COIL		R120	1-215-778-91	METAL 47K 5% 1/6W	
L107	1-404-493-00	COIL		R122	1-215-762-91	METAL 10K 5% 1/6W	
L109	1-408-409-00	MICRO INDUCTOR 10UH		R125	1-215-736-91	METAL 820 5% 1/6W	
L110	1-408-600-00	MICRO INDUCTOR 5.6UH		R126	1-215-736-91	METAL 820 5% 1/6W	
L111	1-404-493-00	COIL		R127	1-215-736-91	METAL 820 5% 1/6W	
L113	1-408-226-00	MICRO INDUCTOR 82UH		R129	1-215-810-91	METAL 1M 5% 1/6W	
L114	1-407-489-00	MICRO INDUCTOR 560UH		R131	1-215-778-91	METAL 47K 5% 1/6W	
L116	1-408-406-00	MICRO INDUCTOR 5.6UH		R132	1-215-762-91	METAL 10K 5% 1/6W	
L117	1-408-428-00	MICRO INDUCTOR 390UH		R134	1-215-782-91	METAL 68K 5% 1/6W	
L170	1-408-247-00	MICRO INDUCTOR 33MMH		R135	1-215-780-91	METAL 56K 5% 1/6W	
L171	1-408-408-00	MICRO INDUCTOR 8.2UH		R136	1-215-770-91	METAL 22K 5% 1/6W	
<u>TRANSISTOR</u>				R137	1-215-770-91	METAL 22K 5% 1/6W	
Q101	8-729-245-83	TRANSISTOR 2SC2458		R140	1-215-738-91	METAL 1K 5% 1/6W	
Q102	8-729-105-47	TRANSISTOR 2SC2026-L		R141	1-215-766-91	METAL 15K 5% 1/6W	
Q103	8-729-204-83	TRANSISTOR 2SA1048GR		R142	1-215-786-91	METAL 100K 5% 1/6W	
Q104	8-729-900-36	TRANSISTOR DTC124ES		R143	1-215-786-91	METAL 100K 5% 1/6W	
Q105	8-729-204-83	TRANSISTOR 2SA1048GR		R144	1-215-752-91	METAL 3.9K 5% 1/6W	
Q151	8-729-245-83	TRANSISTOR 2SC2458		R145	1-215-752-91	METAL 3.9K 5% 1/6W	
Q152	8-729-245-83	TRANSISTOR 2SC2458		R146	1-215-754-91	METAL 4.7K 5% 1/6W	
Q153	8-729-245-83	TRANSISTOR 2SC2458		R151	1-215-736-91	METAL 820 5% 1/6W	
Q154	8-729-900-89	TRANSISTOR DTC144ES		R152	1-215-776-91	METAL 39K 5% 1/6W	
Q155	8-729-245-83	TRANSISTOR 2SC2458		R153	1-215-728-91	METAL 390 5% 1/6W	
Q156	8-729-245-83	TRANSISTOR 2SC2458		R155	1-215-770-91	METAL 22K 5% 1/6W	
Q157	8-729-900-89	TRANSISTOR DTC144ES		R156	1-215-784-91	METAL 82K 5% 1/6W	
Q158	8-729-900-89	TRANSISTOR DTC144ES		R157	1-215-742-91	METAL 1.5K 5% 1/6W	
Q172	8-729-204-83	TRANSISTOR 2SA1048GR		R158	1-215-742-91	METAL 1.5K 5% 1/6W	
Q173	8-729-245-83	TRANSISTOR 2SC2458		R159	1-215-754-91	METAL 4.7K 5% 1/6W	
Q174	8-729-245-83	TRANSISTOR 2SC2458		R160	1-215-754-91	METAL 4.7K 5% 1/6W	
Q175	8-729-245-83	TRANSISTOR 2SC2458		R161	1-215-738-91	METAL 1K 5% 1/6W	
<u>RESISTOR</u>				R162	1-215-738-91	METAL 1K 5% 1/6W	
R101	1-215-738-91	METAL 1K 5% 1/6W		R166	1-215-750-91	METAL 3.3K 5% 1/6W	
R102	1-215-738-91	METAL 1K 5% 1/6W		R167	1-215-774-91	METAL 33K 5% 1/6W	
R105	1-215-760-91	METAL 8.2K 5% 1/6W		R168	1-215-770-91	METAL 22K 5% 1/6W	
R106	1-215-750-91	METAL 3.3K 5% 1/6W		R172	1-215-720-91	METAL 180 5% 1/6W	
R107	1-215-750-91	METAL 3.3K 5% 1/6W		R173	1-215-778-91	METAL 47K 5% 1/6W	
R108	1-215-798-91	METAL 330K 5% 1/6W		R174	1-215-796-91	METAL 270K 5% 1/6W	
R109	1-215-746-91	METAL 2.2K 5% 1/6W		R175	1-215-772-91	METAL 27K 5% 1/6W	
				R176	1-215-738-91	METAL 1K 5% 1/6W	
				R177	1-215-762-91	METAL 10K 5% 1/6W	
				R178	1-215-762-91	METAL 10K 5% 1/6W	
				R179	1-215-762-91	METAL 10K 5% 1/6W	
				R180	1-215-738-91	METAL 1K 5% 1/6W	
				R181	1-215-740-91	METAL 1.2K 5% 1/6W	

The components identified by shading and mark **A** are critical for safety. Replace **only** with part number specified.

C

D1

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R734	1-215-742-91	METAL 1.5K 5% 1/6W				<u>DIODE</u>	
R741	1-202-847-00	SOLID 560K 10% 1/2W		D1552	8-719-911-19	DIODE 1SS119	
R742	1-207-458-00	WIREWOUND 0.39 10% 1/2W				<u>IC</u>	
R743	1-202-719-00	SOLID 1M 10% 1/2W		IC1553	8-759-905-39	IC TDA1082	
R744	1-202-719-00	SOLID 1M 10% 1/2W				<u>COIL</u>	
R745	1-202-814-91	SOLID 33K 10% 1/2W		L1551	1-408-242-00	MICRO INDUCTOR 10MMH	
R746	1-202-824-00	SOLID 3.3K 10% 1/2W		L1552	1-408-247-00	MICRO INDUCTOR 33MMH	
R747	1-202-824-00	SOLID 3.3K 10% 1/2W		L1553	1-407-509-00	MICRO INDUCTOR 27MMH	
R748	1-202-824-00	SOLID 3.3K 10% 1/2W		L1554	1-408-245-00	MICRO INDUCTOR 22MMH	
R749	1-202-843-91	SOLID 270K 10% 1/2W				<u>TRANSISTOR</u>	
		<u>VARIABLE RESISTOR</u>		Q1553	8-729-374-02	TRANSISTOR 2SB740	
RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		Q1554	8-729-195-82	TRANSISTOR 2SC2958	
RV702	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				<u>RESISTOR</u>	
RV741	1-226-157-11	RES, ADJ, METAL GLAZE 1M		R1554	1-215-150-00	METAL 820 5% 1/4W	
RV742	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		R1555	1-215-722-91	METAL 220 5% 1/6W	
		<u>SPARK GAP</u>		R1556	1-215-182-00	METAL 18K 5% 1/4W	
SG701	1-519-063-XX	DISCHARGING GAP		R1557	1-215-768-91	METAL 18K 5% 1/6W	
SG702	1-519-063-XX	DISCHARGING GAP		R1558	1-215-166-00	METAL 3.9K 5% 1/4W	
SG703	1-519-063-XX	DISCHARGING GAP					
SG704	1-519-063-XX	DISCHARGING GAP		R1559	1-215-165-81	METAL 3.6K 5% 1/4W	
SG705	1-519-063-XX	DISCHARGING GAP		R1560	1-215-722-91	METAL 220 5% 1/6W	
*****				R1561	1-215-132-00	METAL 150 5% 1/4W	
*A-1340-722-A	D1 BOARD, COMPLETE	*****		R1562	1-215-182-00	METAL 18K 5% 1/4W	
				R1563	1-215-694-91	METAL 15 5% 1/6W	
		<u>CAPACITOR</u>		R1564	1-215-762-91	METAL 10K 5% 1/6W	
C1528	1-123-380-00	ELECT 1MF 20% 50V		R1565	1-216-451-11	METAL OXIDE 120 5% 2W	F
C1554	1-123-330-00	ELECT 22MF 20% 16V		R1566	1-215-732-91	METAL 560 5% 1/6W	
C1555	1-123-356-00	ELECT 10MF 20% 16V		R1567	1-215-176-00	METAL 10K 5% 1/4W	
C1556	1-124-009-11	ELECT 47MF 20% 25V		R1568	1-215-716-91	METAL 120 5% 1/6W	
C1557	1-123-382-00	ELECT 3.3MF 20% 50V		R1569	1-216-423-11	METAL OXIDE 27 5% 1W	F
C1558	1-124-661-11	ELECT 100MF 20% 50V		R1570	1-247-242-00	CARBON 1.2K 5% 1/2W	
C1559	1-110-184-81	MYLAR 0.033MF 10% 250V		R1571	1-215-865-11	METAL OXIDE 220 5% 1W	F
C1560	1-110-188-81	MYLAR 0.0068MF 10% 400V		R1572	1-215-710-91	METAL 68 5% 1/6W	
C1561	1-110-174-81	MYLAR 0.082MF 10% 100V		R1573	1-215-802-91	METAL 470K 5% 1/6W	
C1562	1-123-356-00	ELECT 10MF 20% 16V		R1575	1-215-130-00	METAL 120 5% 1/4W	
C1563	1-110-182-81	MYLAR 0.022MF 10% 250V		R1576	1-215-738-91	METAL 1K 5% 1/6W	
C1564	1-129-701-00	FILM 0.01MF 5% 100V		R1577	1-215-174-00	METAL 8.2K 5% 1/4W	
C1565	1-110-187-81	MYLAR 0.0056MF 10% 400V		R1578	1-215-794-91	METAL 220K 5% 1/6W	
C1566	1-123-357-00	ELECT 22MF 20% 50V		R1579	1-215-772-91	METAL 27K 5% 1/6W	
C1567	1-110-190-81	MYLAR 0.01MF 10% 400V		R1580	1-215-804-91	METAL 560K 5% 1/6W	
C1568	1-123-333-00	ELECT 100MF 20% 16V		R1581	1-215-196-00	METAL 68K 5% 1/4W	
C1569	1-110-182-81	MYLAR 0.022MF 10% 250V		R1586	1-215-712-91	METAL 82 5% 1/6W	
C1570	1-110-190-81	MYLAR 0.01MF 10% 400V				<u>VARIABLE RESISTOR</u>	
C1571	1-108-614-91	MYLAR 0.001MF 10% 100V		RV1551	1-226-771-00	RES, ADJ, METAL GLAZE 1K	
C1574	1-110-171-81	MYLAR 0.047MF 10% 100V		RV1552	1-228-719-00	RES, ADJ, CERAMIC CARBON 470	
		<u>CONNECTOR</u>		RV1553	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K	
D19	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		RV1554	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
				RV1555	1-228-718-00	RES, ADJ, CERAMIC CARBON 330	

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
RV1556	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K					C211	1-123-380-00	ELECT	1MF	20%	50V	
RV1557	1-228-718-00	RES, ADJ, CERAMIC CARBON 330					C212	1-123-369-00	ELECT	4.7MF	20%	50V	
RV1559	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K					C213	1-123-356-00	ELECT	10MF	20%	16V	
RV1560	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K					C214	1-123-356-00	ELECT	10MF	20%	16V	
RV1562	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K					C215	1-123-356-00	ELECT	10MF	20%	16V	
<u>THERMISTOR</u>							C216	1-123-356-00	ELECT	10MF	20%	16V	
TH1551	1-800-625-00	THERMISTOR					C217	1-102-074-00	CERAMIC	0.001MF	10%	50V	
TH1552	1-806-110-00	THERMISTOR					C218	1-110-184-81	MYLAR	0.033MF	10%	250V	
							C219	1-123-356-00	ELECT	10MF	20%	16V	
							C220	1-110-171-81	MYLAR	0.047MF	10%	100V	
*****							C221	1-108-614-91	MYLAR	0.001MF	10%	100V	
*A-1345-545-A D BOARD, COMPLETE							C222	1-123-322-00	ELECT	330MF	20%	16V	
*****							C223	1-123-380-00	ELECT	1MF	20%	50V	
4-303-483-00 HEAD, WASHER, TAPPING SCREW							C224	1-123-380-00	ELECT	1MF	20%	50V	
*4-342-076-00 HEAT SINK, V.OUT							C225	1-123-322-00	ELECT	330MF	20%	16V	
4-365-216-00 SPACER, MICA							C226	1-123-330-00	ELECT	22MF	20%	16V	
*4-368-683-01 SPRING							C227	1-123-330-00	ELECT	22MF	20%	16V	
*4-368-684-01 SPRING (L)							C228	1-102-945-00	CERAMIC	8PF	1PF	50V	
							C229	1-102-108-00	CERAMIC	150PF	10%	50V	
*4-375-717-01 HEAT SINK, IC							C230	1-110-184-81	MYLAR	0.033MF	10%	250V	
<u>CAPACITOR</u>							C231	1-123-333-00	ELECT	100MF	20%	16V	
C001	1-123-307-00	ELECT	100MF	20%	10V		C232	1-123-330-00	ELECT	22MF	20%	16V	
C002	1-123-381-00	ELECT	2.2MF	20%	50V		C233	1-102-114-00	CERAMIC	470PF	10%	50V	
C003	1-102-973-00	CERAMIC	100PF	5%	50V		C234	1-123-379-00	ELECT	0.47MF	20%	50V	
C004	1-110-175-81	MYLAR	0.1MF	10%	100V		C235	1-123-330-00	ELECT	22MF	20%	16V	
C005	1-123-356-00	ELECT	10MF	20%	50V		C236	1-102-114-00	CERAMIC	470PF	10%	50V	
C006	1-102-959-00	CERAMIC	22PF	5%	50V		C237	1-123-379-00	ELECT	0.47MF	20%	50V	
C007	1-102-963-00	CERAMIC	33PF	5%	50V		C238	1-108-603-00	MYLAR	0.1MF	5%	50V	
C008	1-123-356-00	ELECT	10MF	20%	50V		C239	1-108-603-00	MYLAR	0.1MF	5%	50V	
C009	1-102-114-00	CERAMIC	470PF	10%	50V		C240	1-108-603-00	MYLAR	0.1MF	5%	50V	
C010	1-123-369-00	ELECT	4.7MF	20%	25V		C241	1-124-472-11	ELECT	470MF	20%	10V	
C011	1-124-253-00	ELECT	0.47MF	20%	50V		C243	1-123-332-00	ELECT	47MF	20%	16V	
C012	1-101-004-00	CERAMIC	0.01MF		50V		C244	1-102-114-00	CERAMIC	470PF	10%	50V	
C015	1-123-381-00	ELECT	2.2MF	20%	50V		C245	1-102-114-00	CERAMIC	470PF	10%	50V	
C016	1-101-810-00	CERAMIC	100PF	5%	500V		C272	1-110-175-81	MYLAR	0.1MF	10%	100V	
C017	1-123-306-00	ELECT	47MF	20%	10V		C273	1-123-359-00	ELECT	47MF	20%	50V	
C017A	1-123-307-00	ELECT	100MF	20%	10V		C274	1-123-364-00	ELECT	1000MF	20%	50V	
C018	1-110-175-81	MYLAR	0.1MF	10%	100V		C276	1-123-359-00	ELECT	47MF	20%	50V	
C019	1-123-306-00	ELECT	47MF	20%	10V		C277	1-110-175-81	MYLAR	0.1MF	10%	100V	
C020	1-102-112-00	CERAMIC	330PF	10%	50V		C278	1-123-349-00	ELECT	1000MF	20%	35V	
C022	1-161-377-00	CERAMIC	0.0047MF	20%	50V		C279	1-123-343-00	ELECT	33MF	20%	25V	
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V		C280	1-123-349-00	ELECT	1000MF	20%	35V	
C201	1-102-114-00	CERAMIC	470PF	10%	50V		C281	1-123-360-00	ELECT	100MF	20%	50V	
C202	1-102-074-00	CERAMIC	0.001MF	10%	50V		C282	1-101-005-00	CERAMIC	0.022MF		50V	
C203	1-123-380-00	ELECT	1MF	20%	50V		C283	1-101-005-00	CERAMIC	0.022MF		50V	
C204	1-102-114-00	CERAMIC	470PF	10%	50V		C284	1-102-106-00		100PF	10%	50V	
C205	1-123-379-00	ELECT	0.47MF	20%	50V		C285	1-102-106-00	CERAMIC	100PF	10%	50V	
C206	1-102-074-00	CERAMIC	0.001MF	10%	50V		C288	1-110-182-81	MYLAR	0.022MF	10%	250V	
C207	1-123-380-00	ELECT	1MF	20%	50V		C289	1-110-182-81	MYLAR	0.022MF	10%	250V	
C208	1-123-332-00	ELECT	47MF	20%	16V		C290	1-123-343-00	ELECT	33MF	20%	25V	
C209	1-110-171-81	MYLAR	0.047MF	10%	100V		C291	1-123-343-00	ELECT	33MF	20%	25V	
C210	1-108-614-91	MYLAR	0.001MF	10%	100V		C301	1-102-944-00	CERAMIC	7PF	1PF	50V	
							C302	1-102-944-00	CERAMIC	7PF	1PF	50V	

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C303	1-102-951-00	CERAMIC	15PF	5%	50V	C517	1-102-030-00	CERAMIC	330PF	10%	500V
C304	1-102-816-00	CERAMIC	120PF	5%	50V	C518	1-129-742-00	FILM	0.018MF	10%	400V
C311	1-123-323-00	ELECT	470MF	20%	16V	C519	1-123-931-00	ELECT	3.3MF	20%	160V
C312	1-123-279-00	ELECT	2.2MF	20%	50V	C520	1-106-182-00	MYLAR	0.0027MF	10%	100V
C313	1-123-356-00	ELECT	10MF	20%	25V	C521	1-102-157-00	CERAMIC	560PF	10%	500V
C314	1-123-381-00	ELECT	2.2MF	20%	50V	C522	1-123-318-00	ELECT	33MF	20%	16V
C315	1-123-381-00	ELECT	2.2MF	20%	50V	C523	1-108-431-00	MYLAR	0.068MF	10%	200V
C316	1-110-186-81	MYLAR	0.0047MF	10%	400V	C524	1-123-162-00	ELECT	1MF	20%	50V
C317	1-110-182-81	MYLAR	0.022MF	10%	250V	C525	1-123-362-00	ELECT	330MF	20%	50V
C318	1-131-345-00	TANTALUM	0.47MF	10%	35V	C527	1-123-360-00	ELECT	100MF	20%	50V
C319	1-123-356-00	ELECT	10MF	20%	16V	C528	1-123-321-00	ELECT	220MF	20%	16V
C320	1-123-586-00	ELECT	0.1MF	20%	50V	C529	1-123-333-00	ELECT	100MF	20%	16V
C321	1-131-345-00	TANTALUM	0.47MF	10%	35V	C530	1-110-186-81	MYLAR	0.0047MF	10%	400V
C322	1-131-345-00	TANTALUM	0.47MF	10%	35V	C531	1-123-382-00	ELECT	33MF	20%	50V
C323	1-102-110-00	CERAMIC	220PF	10%	50V	C532	1-110-187-81	MYLAR	0.0056MF	10%	400V
C324	1-102-110-00	CERAMIC	220PF	10%	50V	C540	1-108-614-91	MYLAR	0.001MF	10%	100V
C325	1-136-173-00	FILM	0.47MF	5%	50V	C543	1-123-360-00	ELECT	100MF	20%	50V
C326	1-136-173-00	FILM	0.47MF	5%	50V	C544	1-123-382-00	ELECT	33MF	20%	50V
C327	1-121-705-00	ELECT	2.2MF	30%	25V	C545	1-123-379-00	ELECT	0.47MF	20%	50V
C328	1-102-973-00	CERAMIC	100PF	5%	50V	C546	1-123-380-00	ELECT	1MF	20%	50V
C329	1-101-004-00	CERAMIC	0.01MF		50V	C551	1-123-322-00	ELECT	330MF	20%	16V
C331	1-161-330-00	CERAMIC	0.01MF	30%	25V	C552	1-123-333-00	ELECT	100MF	20%	16V
C332	1-101-880-00	CERAMIC	47PF	5%	50V	C553	1-123-333-00	ELECT	100MF	20%	16V
C333	1-123-356-00	ELECT	10MF	20%	16V	C591	1-108-434-00	MYLAR	0.12MF	10%	200V
C334	1-123-356-00	ELECT	10MF	20%	16V	C801	1-123-093-00	ELECT	22MF	20%	160V
C336	1-102-858-00	CERAMIC	10PF	0.5PF	50V	C802	1-102-157-00	CERAMIC	560PF	10%	500V
C337	1-102-888-00	CERAMIC	150PF	5%	50V	C803	1-102-327-11	CERAMIC	330PF	15%	1.5KV
C338	1-102-884-00	CERAMIC	33PF	5%	50V	C804	1-161-754-11	CERAMIC	0.001MF	10%	3KV
C339	1-102-959-00	CERAMIC	22PF	5%	50V	C805	1-108-423-00	MYLAR	0.015MF	10%	200V
C340	1-102-945-00	CERAMIC	8PF	1PF	50V	C806	1-129-721-00	FILM	0.039MF	10%	630V
C341	1-102-947-00	CERAMIC	10PF	5%	50V	C807	1-136-179-00	FILM	1.5MF	5%	200V
C342	1-102-676-00	CERAMIC	68PF	5%	50V	C808	1-136-116-00	FILM	1MF	5%	200V
C343	1-102-973-00	CERAMIC	100PF	5%	50V	C809	1-110-172-81	MYLAR	0.056MF	10%	100V
C344	1-123-379-00	ELECT	0.47MF	20%	50V	C810	1-110-190-81	MYLAR	0.01MF	10%	400V
C346	1-123-333-00	ELECT	100MF	20%	16V	C812	1-102-223-00	CERAMIC	0.0047MF	10%	2KV
C347	1-110-186-81	MYLAR	0.0047MF	10%	400V	C813	1-110-175-81	MYLAR	0.1MF	10%	100V
C348	1-123-379-00	ELECT	0.47MF	20%	50V	C814	1-123-005-00	ELECT	22MF		250V
C501	1-110-182-81	MYLAR	0.022MF	10%	250V	C815	1-123-362-00	ELECT	330MF	20%	50V
C502	1-136-171-00	FILM	0.33MF	5%	50V	C816	1-102-030-00	CERAMIC	330PF	10%	500V
C503	1-136-171-00	FILM	0.33MF	5%	50V	C818	1-136-086-00	FILM	0.017MF	3%	2KV
C504	1-102-108-00	CERAMIC	150PF	10%	50V	C819	1-130-061-00	FILM	0.0015MF	10%	630V
C505	1-123-380-00	ELECT	1MF	20%	50V	C821	1-102-038-00	CERAMIC	0.001MF		500V
C506	1-123-330-00	ELECT	22MF	20%	16V	C822	1-102-038-00	CERAMIC	0.001MF		500V
C507	1-110-177-81	MYLAR	0.15MF	10%	100V	C824	1-110-192-81	MYLAR	0.015MF	10%	400V
C508	1-123-356-00	ELECT	10MF	20%	16V	C825	1-136-184-00	MYLAR	0.68MF	10%	250V
C509	1-123-369-00	ELECT	4.7MF	20%	25V	C828	1-102-114-00	CERAMIC	470PF	10%	50V
C510	1-123-323-00	ELECT	470MF	20%	16V						
C511	1-123-379-00	ELECT	0.47MF	20%	50V						
C512	1-110-175-81	MYLAR	0.1MF	10%	100V						
C513	1-130-023-00	FILM	0.0027MF	5%	50V						
C514	1-123-332-00	ELECT	47MF	20%	16V						
C515	1-110-175-81	MYLAR	0.1MF	10%	100V						
C516	1-123-357-00	ELECT	22MF	20%	50V						
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FILTER

CF001 1-527-790-00 OSCILLATOR, CERAMIC

CONNECTOR

CN201 1-561-534-00 SOCKET 21P

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
CN202	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT		D271	8-719-911-55	DIODE U05G	
CN252	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT		D303	8-719-911-19	DIODE 1SS119	
D1	*1-560-288-00	PLUG, CONNECTOR (2.5MM PITCH)		D304	8-719-911-19	DIODE 1SS119	
D3	*1-564-880-31	PLUG, CONNECTOR 3P		D305	8-719-911-19	DIODE 1SS119	
D4	*1-564-885-11	PLUG, CONNECTOR 8P		D306	8-719-911-19	DIODE 1SS119	
D5	*1-508-765-00	3P PLUG (M)		D307	8-719-911-19	DIODE 1SS119	
D6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		D308	8-719-911-19	DIODE 1SS119	
D7	*1-564-883-11	PLUG, CONNECTOR 6P		D309	8-719-911-19	DIODE 1SS119	
D8	*1-564-889-11	PLUG, CONNECTOR 12P		D312	8-719-800-23	DIODE 1SS148-TP7	
D10	*1-508-766-00	4P PLUG (M)		D501	8-719-911-19	DIODE 1SS119	
D12	*1-508-786-00	2P PLUG (M)		D503	8-719-901-93	DIODE V19E	
D14	*1-564-883-11	PLUG, CONNECTOR 6P		D504	8-719-901-93	DIODE V19E	
D15	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		D505	8-719-901-93	DIODE V19E	
D16	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		D506	8-719-911-19	DIODE 1SS119	
D17	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)		D507	8-719-901-93	DIODE V19E	
D18	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P		D551	8-719-911-19	DIODE 1SS119	
D19	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P		D552	8-719-911-19	DIODE 1SS119	
D20	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P		D553	8-719-901-93	DIODE V19E	
D21	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)		D554	8-719-901-93	DIODE V19E	
D22	*1-560-127-00	PLUG, CONNECTOR (2.5MM PITCH)		D555	8-719-911-19	DIODE 1SS119	
D23	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)		D801	8-719-900-26	DIODE ERD29-08J	
D24	*1-508-784-00	1P PLUG		D802	8-719-300-65	DIODE ES1F	
D27	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		D803	8-719-901-93	DIODE V19E	
D28	*1-508-784-00	1P PLUG		D804	8-719-901-93	DIODE V19E	
D30	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		D806	8-719-305-15	DIODE GH3F	
DY1	*1-508-765-00	3P PLUG (M)		D807	8-719-305-15	DIODE GH3F	
DY2	*1-508-765-00	3P PLUG (M)					
DY3	*1-508-766-00	4P PLUG (M)					
<u>TRIMMER</u>				<u>DELAY LINE</u>			
CV301	1-141-181-11	CAP, TRIMMER		DL301	1-415-427-11	DELAY LINE, Y	
				DL302	1-415-185-12	DELAY LINE (1H)	
<u>DIODE</u>				<u>IC</u>			
D001	8-719-911-19	DIODE 1SS119		IC001	8-759-602-63	IC CX523-113P	
D002	8-719-911-19	DIODE 1SS119		IC002	8-759-600-92	IC M58657P	
D003	8-719-911-19	DIODE 1SS119		IC201	8-759-914-76	IC CX20199	
D004	8-719-911-19	DIODE 1SS119		IC202	8-752-006-10	IC CX20061	
D005	8-759-157-40	IC UPC574J		IC251	8-749-943-52	IC STK4352	
D006	8-719-101-02	DIODE RD30E-B4		IC301	6-066-720-60	IC TDA3562A	
D008	8-719-911-19	DIODE 1SS119		IC551	8-759-915-46	IC TDA2579	
D010	8-719-911-19	DIODE 1SS119					
D061	8-719-100-35	DIODE RD5.6E-B2		<u>MODULE</u>			
D201	8-719-911-19	DIODE 1SS119		IC302	1-235-534-11	CONTROL MODULE, PICTURE	
D205	8-719-100-44	DIODE RD7.5E-B2					
D206	8-719-911-19	DIODE 1SS119		<u>COIL</u>			
D212	8-719-911-19	DIODE 1SS119		L001	1-408-425-00	MICRO INDUCTOR 220UH	
D213	8-719-911-19	DIODE 1SS119		L251	1-459-407-00	COIL, FERRITE CHOKE	
D214	8-719-911-19	DIODE 1SS119		L252	1-459-407-00	COIL, FERRITE CHOKE	
D215	8-719-911-19	DIODE 1SS119		L301	1-404-495-00	COIL	
D216	8-719-911-19	DIODE 1SS119		L302	1-408-412-00	MICRO INDUCTOR 18UH	
D217	8-719-911-19	DIODE 1SS119		L304	1-408-411-00	MICRO INDUCTOR 15UH	
D218	8-719-911-19	DIODE 1SS119		L306	1-410-260-11	MICRO INDUCTOR 33UH	
D219	8-719-911-19	DIODE 1SS119		L307	1-410-261-11	MICRO INDUCTOR 5.6UH	
				L308	1-408-415-00	MICRO INDUCTOR 33UH	
				L310	1-407-705-00	MICRO INDUCTOR 100UH	

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
L801	1-407-365-00	COIL, CHOKE		R007	1-215-722-91	METAL 220 5% 1/6W	
L802	1-421-329-00	COIL, CHOKE		R008	1-215-722-91	METAL 220 5% 1/6W	
L803	1-459-125-00	COIL, HORIZONTAL LINEARITY		R009	1-215-722-91	METAL 220 5% 1/6W	
L804	1-421-390-00	COIL, FERRITE (PMC)		R010	1-215-722-91	METAL 220 5% 1/6W	
L805	1-408-239-00	MICRO INDUCTOR 4.7MMH		R011	1-215-722-91	METAL 220 5% 1/6W	
L806	1-421-329-00	COIL, CHOKE		R012	1-215-706-91	METAL 47 5% 1/6W	
L808	1-407-365-00	COIL, CHOKE		R013	1-215-722-91	METAL 220 5% 1/6W	
L809	1-437-090-00	HDT		R014	1-215-754-91	METAL 4.7K 5% 1/6W	
L810	1-407-365-00	COIL, CHOKE		R015	1-215-754-91	METAL 4.7K 5% 1/6W	
L891	1-459-338-00	COIL, VAR., FERRITE (PAC)		R016	1-215-168-00	METAL 4.7K 5% 1/4W	
TRANSISTOR				R017	1-215-152-00	METAL 1K 5% 1/4W	
Q001	8-729-204-83	TRANSISTOR 2SA1048GR		R018	1-215-738-91	METAL 1K 5% 1/6W	
Q003	8-729-245-83	TRANSISTOR 2SC2458		R021	1-215-766-91	METAL 15K 5% 1/6W	
Q004	8-729-245-83	TRANSISTOR 2SC2458		R022	1-215-766-91	METAL 15K 5% 1/6W	
Q006	8-729-245-83	TRANSISTOR 2SC2458		R023	1-215-714-91	METAL 100 5% 1/6W	
Q007	8-729-603-50	TRANSISTOR 2SC403SP		R024	1-215-738-91	METAL 1K 5% 1/6W	
Q008	8-729-245-83	TRANSISTOR 2SC2458		R025	1-215-770-91	METAL 22K 5% 1/6W	
Q009	8-729-245-83	TRANSISTOR 2SC2458		R026	1-215-766-91	METAL 15K 5% 1/6W	
Q011	8-729-600-27	TRANSISTOR 2SC634SP		R027	1-215-144-00	METAL 470 5% 1/4W	
Q201	8-729-245-83	TRANSISTOR 2SC2458		R028	1-215-184-00	METAL 22K 5% 1/4W	
Q206	8-729-245-83	TRANSISTOR 2SC2458		R029	1-215-770-91	METAL 22K 5% 1/6W	
Q207	8-729-204-83	TRANSISTOR 2SA1048GR		R030	1-215-184-00	METAL 22K 5% 1/4W	
Q208	8-729-204-83	TRANSISTOR 2SA1048GR		R031	1-215-184-00	METAL 22K 5% 1/4W	
Q301	8-729-245-83	TRANSISTOR 2SC2458		R032	1-215-770-91	METAL 22K 5% 1/6W	
Q309	8-729-245-83	TRANSISTOR 2SC2458		R033	1-215-770-91	METAL 22K 5% 1/6W	
Q310	8-729-245-83	TRANSISTOR 2SC2458		R034	1-215-770-91	METAL 22K 5% 1/6W	
Q311	8-729-245-83	TRANSISTOR 2SC2458		R035	1-215-770-91	METAL 22K 5% 1/6W	
Q312	8-729-245-83	TRANSISTOR 2SC2458		R036	1-215-770-91	METAL 22K 5% 1/6W	
Q313	8-729-245-83	TRANSISTOR 2SC2458		R037	1-215-738-91	METAL 1K 5% 1/6W	
Q320	8-729-603-50	TRANSISTOR 2SC403SP		R038	1-215-748-91	METAL 2.7K 5% 1/6W	
Q502	8-729-204-83	TRANSISTOR 2SA1048GR		R039	1-215-714-91	METAL 100 5% 1/6W	
Q504	8-729-204-83	TRANSISTOR 2SA1048GR		R040	1-215-770-91	METAL 22K 5% 1/6W	
Q505	8-729-168-82	TRANSISTOR 2SC2688		R041	1-215-774-91	METAL 33K 5% 1/6W	
Q506	8-729-169-02	TRANSISTOR 2SC2690A		R042	1-215-730-91	METAL 470 5% 1/6W	
Q507	8-729-122-02	TRANSISTOR 2SA1220A		R043	1-215-730-91	METAL 470 5% 1/6W	
Q508	8-729-195-82	TRANSISTOR 2SC2958		R044	1-215-738-91	METAL 1K 5% 1/6W	
Q510	8-729-245-83	TRANSISTOR 2SC2458		R045	1-215-152-00	METAL 1K 5% 1/4W	
Q511	8-729-245-83	TRANSISTOR 2SC2458		R046	1-215-754-91	METAL 4.7K 5% 1/6W	
Q512	8-729-900-36	TRANSISTOR DTC124ES		R047	1-215-714-91	METAL 100 5% 1/6W	
Q514	8-729-245-83	TRANSISTOR 2SC2458		R048	1-215-778-91	METAL 47K 5% 1/6W	
Q551	8-729-177-43	TRANSISTOR 2SD774		R049	1-216-464-11	METAL OXIDE 18K 5% 2W F	
Q552	8-729-374-02	TRANSISTOR 2SB740		R050	1-217-387-00	FUSIBLE 10 5% 1/4W F	
Q802	8-729-300-90	TRANSISTOR 2SD1497-06		R052	1-215-152-00	METAL 1K 5% 1/4W	
Q803	8-719-801-06	THYRISTOR S6344G		R053	1-215-790-91	METAL 150K 5% 1/6W	
				R054	1-215-722-91	METAL 220 5% 1/6W	
RESISTOR				R056	1-215-766-91	METAL 15K 5% 1/6W	
R001	1-215-738-91	METAL 1K 5% 1/6W		R057	1-215-762-91	METAL 10K 5% 1/6W	
R002	1-215-738-91	METAL 1K 5% 1/6W		R060	1-215-732-91	METAL 560 5% 1/6W	
R003	1-215-738-91	METAL 1K 5% 1/6W		R201	1-215-146-00	METAL 560 5% 1/4W	
R004	1-215-722-91	METAL 220 5% 1/6W		R202	1-215-146-00	METAL 560 5% 1/4W	
R005	1-215-722-91	METAL 220 5% 1/6W		R203	1-215-168-00	METAL 4.7K 5% 1/4W	
R006	1-215-722-91	METAL 220 5% 1/6W		R204	1-215-168-00	METAL 4.7K 5% 1/4W	
				R205	1-215-174-00	METAL 8.2K 5% 1/4W	

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Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
R206	1-215-776-91	METAL	39K	5%	1/6W	R289	1-215-778-91	METAL	47K	5%	1/6W
R207	1-215-164-00	METAL	3.3K	5%	1/4W	R297	1-215-730-91	METAL	470	5%	1/6W
R208	1-215-750-91	METAL	3.3K	5%	1/6W	R298	1-215-730-91	METAL	470	5%	1/6W
R209	1-215-762-91	METAL	10K	5%	1/6W	R301	1-215-156-00	METAL	1.5K	5%	1/4W
R210	1-215-762-91	METAL	10K	5%	1/6W	R302	1-215-742-91	METAL	1.5K	5%	1/6W
R211	1-215-156-00	METAL	1.5K	5%	1/4W	R303	1-215-723-91	METAL	240	5%	1/6W
R213	1-215-802-91	METAL	470K	5%	1/6W	R304	1-215-762-91	METAL	10K	5%	1/6W
R214	1-215-742-91	METAL	1.5K	5%	1/6W	R305	1-215-730-91	METAL	470	5%	1/6W
R216	1-215-762-91	METAL	10K	5%	1/6W	R306	1-215-730-91	METAL	470	5%	1/6W
R217	1-215-738-91	METAL	1K	5%	1/6W	R307	1-215-734-91	METAL	680	5%	1/6W
R218	1-215-794-91	METAL	220K	5%	1/6W	R308	1-215-754-91	METAL	4.7K	5%	1/6W
R219	1-215-794-91	METAL	220K	5%	1/6W	R319	1-215-152-00	METAL	1K	5%	1/4W
R220	1-215-125-00	METAL	75	5%	1/4W	R323	1-215-744-91	METAL	1.8K	5%	1/6W
R221	1-215-144-00	METAL	470	5%	1/4W	R324	1-215-732-91	METAL	560	5%	1/6W
R222	1-215-780-91	METAL	56K	5%	1/6W	R325	1-215-142-00	METAL	390	5%	1/4W
R228	1-215-780-91	METAL	56K	5%	1/6W	R326	1-215-784-91	METAL	82K	5%	1/6W
R229	1-215-730-91	METAL	470	5%	1/6W	R332	1-215-732-91	METAL	560	5%	1/6W
R230	1-215-738-91	METAL	1K	5%	1/6W	R333	1-215-756-91	METAL	5.6K	5%	1/6W
R231	1-215-728-91	METAL	390	5%	1/6W	R334	1-215-172-00	METAL	6.8K	5%	1/4W
R232	1-215-104-81	METAL	10	5%	1/4W	R335	1-215-778-91	METAL	47K	5%	1/6W
R233	1-215-730-91	METAL	470	5%	1/6W	R336	1-215-762-91	METAL	10K	5%	1/6W
R234	1-215-784-91	METAL	82K	5%	1/6W	R337	1-215-762-91	METAL	10K	5%	1/6W
R235	1-215-810-91	METAL	1M	5%	1/6W	R338	1-215-738-91	METAL	1K	5%	1/6W
R236	1-215-762-91	METAL	10K	5%	1/6W	R339	1-215-738-91	METAL	1K	5%	1/6W
R237	1-215-746-91	METAL	2.2K	5%	1/6W	R340	1-215-728-91	METAL	390	5%	1/6W
R238	1-215-744-91	METAL	1.8K	5%	1/6W	R341	1-215-728-91	METAL	390	5%	1/6W
R239	1-215-746-91	METAL	2.2K	5%	1/6W	R342	1-215-810-91	METAL	1M	5%	1/6W
R240	1-215-762-91	METAL	10K	5%	1/6W	R343	1-215-786-91	METAL	100K	5%	1/6W
R242	1-215-152-00	METAL	10K	5%	1/6W	R344	1-215-170-00	METAL	5.6K	5%	1/4W
R243	1-215-768-91	METAL	18K	5%	1/6W	R345	1-215-789-91	METAL	130K	5%	1/6W
R244	1-215-180-00	METAL	15K	5%	1/4W	R347	1-215-732-91	METAL	560	5%	1/6W
R245	1-215-778-91	METAL	47K	5%	1/6W	R348	1-215-734-91	METAL	680	5%	1/6W
R247	1-215-158-00	METAL	1.8K	5%	1/4W	R349	1-215-756-91	METAL	5.6K	5%	1/6W
R248	1-215-152-00	METAL	1K	5%	1/4W	R350	1-215-760-91	METAL	8.2K	5%	1/6W
R249	1-215-158-00	METAL	1.8K	5%	1/4W	R351	1-215-770-91	METAL	22K	5%	1/6W
R251	1-215-714-91	METAL	100	5%	1/6W	R352	1-215-744-91	METAL	1.8K	5%	1/6W
R252	1-215-714-91	METAL	100	5%	1/6W	R353	1-215-750-91	METAL	3.3K	5%	1/6W
R253	1-215-714-91	METAL	100	5%	1/6W	R354	1-215-790-91	METAL	150K	5%	1/6W
R254	1-215-714-91	METAL	100	5%	1/6W	R356	1-215-764-91	METAL	12K	5%	1/6W
R255	1-215-164-00	METAL	3.3K	5%	1/4W	R357	1-215-756-91	METAL	5.6K	5%	1/6W
R256	1-215-164-00	METAL	3.3K	5%	1/4W	R358	1-215-768-91	METAL	18K	5%	1/6W
R257	1-215-125-00	METAL	75	5%	1/4W	R359	1-215-766-91	METAL	15K	5%	1/6W
R278	1-217-387-00	FUSIBLE	10	5%	1/4W	R360	1-215-196-00	METAL	68K	5%	1/4W
R279	1-217-387-00	FUSIBLE	10	5%	1/4W	R362	1-215-160-00	METAL	2.2K	5%	1/4W
R280	1-215-786-91	METAL	100K	5%	1/6W	R364	1-215-746-91	METAL	2.2K	5%	1/6W
R281	1-215-756-91	METAL	5.6K	5%	1/6W	R365	1-215-764-91	METAL	12K	5%	1/6W
R282	1-215-754-91	METAL	4.7K	5%	1/6W	R366	1-215-160-00	METAL	2.2K	5%	1/4W
R283	1-215-152-00	METAL	1K	5%	1/4W	R367	1-215-722-91	METAL	220	5%	1/6W
R284	1-247-107-00	CARBON	100	5%	1/4W	R368	1-215-722-91	METAL	220	5%	1/6W
R285	1-215-754-91	METAL	4.7K	5%	1/6W	R369	1-215-722-91	METAL	220	5%	1/6W
R286	1-215-756-91	METAL	5.6K	5%	1/6W	R370	1-215-144-00	METAL	470	5%	1/4W
R287	1-215-786-91	METAL	100K	5%	1/6W	R371	1-215-714-91	METAL	100	5%	1/6W
R288	1-215-788-91	METAL	120K	5%	1/6W	R373	1-215-152-00	METAL	1K	5%	1/4W

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Ref.No.	Part No.	Description	Remark				Ref.No.	Part No.	Description	Remark			
R376	1-215-186-00	METAL	27K	5%	1/4W		R551	1-217-383-00	FUSIBLE	4.7	5%	1/4W	F
R377	1-215-186-00	METAL	27K	5%	1/4W		R552	1-217-383-00	FUSIBLE	4.7	5%	1/4W	F
R378	1-215-768-91	METAL	18K	5%	1/6W		R553	1-210-859-00	CARBON	1.2	5%	1/8W	F
R379	1-215-771-91	METAL	24K	5%	1/6W		R554	1-215-754-91	METAL	4.7K	5%	1/6W	
R380	1-215-784-91	METAL	82K	5%	1/6W		R555	1-215-746-91	METAL	2.2K	5%	1/6W	
R382	1-215-738-91	METAL	1K	5%	1/6W		R556	1-216-350-11	METAL OXIDE	1.2	5%	1W	F
R383	1-215-738-91	METAL	1K	5%	1/6W		R557	1-215-726-91	METAL	330	5%	1/6W	
R385	1-215-748-91	METAL	2.7K	5%	1/6W		R558	1-215-802-91	METAL	470K	5%	1/6W	
R386	1-215-748-91	METAL	2.7K	5%	1/6W		R559	1-215-164-00	METAL	3.3K	5%	1/4W	
R387	1-215-748-91	METAL	2.7K	5%	1/6W		R560	1-215-746-91	METAL	2.2K	5%	1/6W	
R390	1-215-182-00	METAL	18K	5%	1/4W		R571	1-215-798-91	METAL	330K	5%	1/6W	
R504	1-215-748-91	METAL	2.7K	5%	1/6W		R572	1-215-786-91	METAL	100K	5%	1/6W	
R505	1-215-750-91	METAL	3.3K	5%	1/6W		R573	1-215-810-91	METAL	1M	5%	1/6W	
R506	1-215-740-91	METAL	1.2K	5%	1/6W		R574	1-215-810-91	METAL	1M	5%	1/6W	
R507	1-215-738-91	METAL	1K	5%	1/6W		R575	1-215-198-00	METAL	82K	5%	1/4W	
R508	1-215-461-00	METAL	47K	1%	1/6W		R578	1-215-136-00	METAL	220	5%	1/4W	
R509	1-215-477-00	METAL	220K	1%	1/6W		R591	1-215-176-00	METAL	10K	5%	1/4W	
R510	1-215-758-91	METAL	6.8K	5%	1/6W		R592	1-215-174-00	METAL	8.2K	5%	1/4W	
R511	1-215-712-91	METAL	82	5%	1/6W		R593	1-215-754-91	METAL	4.7K	5%	1/6W	
R512	1-215-736-91	METAL	820	5%	1/6W		R594	1-215-770-91	METAL	22K	5%	1/6W	
R513	1-215-764-91	METAL	12K	5%	1/6W		R595	1-215-764-91	METAL	12K	5%	1/6W	
R514	1-215-738-91	METAL	1K	5%	1/6W		R596	1-215-750-91	METAL	3.3K	5%	1/6W	
R515	1-215-128-00	METAL	100	5%	1/4W		R597	1-215-166-00	METAL	3.9K	5%	1/4W	
R516	1-215-160-00	METAL	2.2K	5%	1/4W		R598	1-215-756-91	METAL	5.6K	5%	1/6W	
R517	1-215-190-00	METAL	39K	5%	1/4W		R599	1-215-722-91	METAL	220	5%	1/6W	
R520	1-214-765-00	METAL	33K	1%	1/4W		R801	1-216-345-11	METAL OXIDE	0.47	5%	1W	F
R521	1-216-464-11	METAL OXIDE	18K	5%	2W	F	R802	1-215-158-00	METAL	1.8K	5%	1/4W	
R522	1-215-790-91	METAL	150K	5%	1/6W		R803	1-215-710-91	METAL	68	5%	1/6W	
R523	1-247-807-00	CARBON	100	5%	1/8W	F	R804	1-215-871-11	METAL OXIDE	2.2K	5%	1W	F
R524	1-215-869-11	METAL OXIDE	1K	5%	1W	F	R805	1-215-866-11	METAL OXIDE	330	5%	1W	F
R525	1-247-795-00	CARBON	33	5%	1/8W	F	R806	1-202-838-00	SOLID	100K	10%	1/2W	
R526	1-215-746-91	METAL	2.2K	5%	1/6W		R807	1-202-818-00	SOLID	1K	10%	1/2W	
R527	1-247-783-00	CARBON	10	5%	1/8W	F	R808	1-202-826-00	SOLID	4.7K	10%	1/2W	
R528	1-215-182-00	METAL	18K	5%	1/4W		R809	1-244-929-00	CARBON	220K	5%	1/2W	
R529	1-215-148-00	METAL	680	5%	1/4W		R810	1-210-859-00	CARBON	1.2	5%	1/8W	F
R530	1-215-798-91	METAL	330K	5%	1/6W		R811	1-249-448-11	CARBON	1.2	5%	1/4W	F
R531	1-215-142-00	METAL	390	5%	1/4W		R812	1-247-270-00	CARBON	18K	5%	1/2W	
R532	1-215-164-00	METAL	3.3K	5%	1/4W		R813	1-215-883-11	METAL OXIDE	33	5%	2W	F
R533	1-215-766-91	METAL	15K	5%	1/6W		R814	1-215-216-81	METAL	470K	5%	1/4W	
R534	1-215-694-91	METAL	15	5%	1/6W		R815	1-216-455-11	METAL OXIDE	560	5%	2W	F
R535	1-215-690-91	METAL	10	5%	1/6W		R817	1-216-378-11	METAL OXIDE	5.6	5%	2W	F
R536	1-216-354-11	METAL OXIDE	2.7	5%	1W	F	R820	1-215-884-11	METAL OXIDE	47	5%	2W	F
R537	1-215-786-91	METAL	100K	5%	1/6W		R825	1-215-905-11	METAL OXIDE	10	5%	3W	F
R538	1-247-754-11	CARBON	1.5K	5%	1/2W	F	R826	1-215-905-11	METAL OXIDE	10	5%	3W	F
R539	1-215-784-91	METAL	82K	5%	1/6W		VARIABLE RESISTOR						
R540	1-215-186-00	METAL	27K	5%	1/4W		RV301	1-228-720-00	RES, ADJ, CERAMIC CARBON	1K			
R541	1-215-730-91	METAL	470	5%	1/6W		RV302	1-228-724-00	RES, ADJ, CERAMIC CARBON	10K			
R543	1-215-802-91	METAL	470K	5%	1/6W		RV303	1-228-725-00	RES, ADJ, CERAMIC CARBON	22K			
R544	1-202-463-00	SOLID	2.2M	5%	1/4W		RV501	1-226-776-00	RES, ADJ, METAL GLAZE	220K			
R547	1-212-990-00	FUSIBLE	220	5%	1/2W	F	RV502	1-226-775-00	RES, ADJ, METAL GLAZE	100K			
R548	1-216-350-11	METAL OXIDE	1.2	5%	1W	F	RV503	1-230-522-11	RES, ADJ, METAL GLAZE	4.7K			
R549	1-247-807-00	CARBON	100	5%	1/8W	F	RV558	1-228-720-00	RES, ADJ, CERAMIC CARBON	1K			
R550	1-215-216-81	METAL	470K	5%	1/4W								

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>SPARK GAP</u>							
SG801	1-519-063-XX	DISCHARGING GAP		D404	8-719-911-19	DIODE 1SS119	
<u>TRANSFORMER</u>				D405	8-719-911-19	DIODE 1SS119	
T301	1-404-524-11	DAT		D406	8-719-911-19	DIODE 1SS119	
T801	1-437-090-00	HDT		D407	8-719-911-19	DIODE 1SS119	
T891	1-421-245-11	TRANSFORMER, PZN CUSHION		D409	8-719-911-19	DIODE 1SS119	
<u>THERMISTOR</u>				LED401	8-719-912-22	DIODE SL-1222	
TH501	1-806-213-00	THERMISTOR		LED402	8-719-800-24	DIODE TLR147	
<u>CRYSTAL</u>				LED403	8-719-901-96	DIODE SLP161B	
X301	1-567-131-00	OSCILLATOR, CRYSTAL		LED404	8-719-901-96	DIODE SLP161B	
*****				LED405	8-719-901-96	DIODE SLP161B	
<u>*1-614-117-11 J2 BOARD</u>				LED406	8-719-901-96	DIODE SLP161B	
*****				<u>RESISTOR</u>			
<u>CONNECTOR</u>				R402	1-215-160-00	METAL 2.2K 5% 1/4W	
J2	*1-508-766-00	4P PLUG (M)		R412	1-215-134-00	METAL 180 5% 1/4W	
*****				<u>VARIABLE RESISTOR</u>			
<u>*1-614-116-11 J1 BOARD</u>				RV401	1-228-578-00	RES, VAR, CARBON 10K	
*****				RV402	1-228-578-00	RES, VAR, CARBON 10K	
<u>JACK</u>				RV403	1-228-578-00	RES, VAR, CARBON 10K	
CN901	1-507-657-00	JACK		RV404	1-228-578-00	RES, VAR, CARBON 10K	
<u>RESISTOR</u>				RV405	1-228-578-00	RES, VAR, CARBON 10K	
R901	1-215-144-00	METAL 470 5% 1/4W		<u>SWITCH</u>			
R902	1-215-144-00	METAL 470 5% 1/4W		S401	1-554-118-00	SWITCH, PUSH (1 KEY)	
*****				S402	1-554-118-00	SWITCH, PUSH (1 KEY)	
<u>*1-615-414-11 H1 BOARD</u>				S407	1-552-774-00	SWITCH, PUSH	
*****				S408	1-552-774-00	SWITCH, PUSH	
<u>*1-526-634-00 SOCKET, IC (8P)</u>				S411	1-552-774-00	SWITCH, PUSH	
<u>*4-357-812-00 HOLDER, LED</u>				S412	1-552-774-00	SWITCH, PUSH	
<u>*4-362-207-00 HOLDER (P), LED</u>				S413	1-552-774-00	SWITCH, PUSH	
<u>*4-362-219-00 COVER (W), LED HOLDER</u>				S414	1-552-774-00	SWITCH, PUSH	
<u>*4-362-295-00 HOLDER (C), LED</u>				S415	1-552-774-00	SWITCH, PUSH	
<u>*4-366-807-00 COVER (C), LED HOLDER</u>				S416	1-552-774-00	SWITCH, PUSH	
<u>CAPACITOR</u>				S417	1-552-774-00	SWITCH, PUSH	
C401	1-123-356-00	ELECT 10MF 20% 16V		S418	1-552-774-00	SWITCH, PUSH	
<u>DIODE</u>				S419	1-552-774-00	SWITCH, PUSH	
D401	8-719-911-19	DIODE 1SS119		*****			
D402	8-719-911-19	DIODE 1SS119		<u>MISCELLANEOUS</u>			
D403	8-719-911-19	DIODE 1SS119		*****			
				1-246-513-00	RES, CARBON 47K (DY ASSY)		
				△1-451-242-31	DEFLECTION YOKE (SY-88S)		
				1-452-032-00	MAGNET, DISK; 10MM Ø		
				1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø		
				1-452-146-21	MAGNET, BMC		
				△1-452-316-11	CRT NECK ASSY (NA291)		
				△1-536-797-11	TERMINAL BOARD ASSY, ANTENNA		
				1-543-179-00	CORE, RING		
				△1-551-270-11	CORD, POWER		
				L901 △1-426-042-42	COIL, DEGAUSSING		
				L902 △1-426-042-42	COIL, DEGAUSSING		

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description	Remark
RV901	△ 1-226-733-13	RESISTOR ASSY, HIGH-VOLTAGE	
S901	△ 1-554-762-21	SWITCH, PUSH (AC POWER)(1 KEY)	
SP901	1-503-496-21	SPEAKER	
SP902	1-503-496-21	SPEAKER	
T802	△ 1-439-331-41	TRANSFORMER ASSY, FLYBACK	
V901	△ 8-737-451-05	CRT (A53JBW02X)	

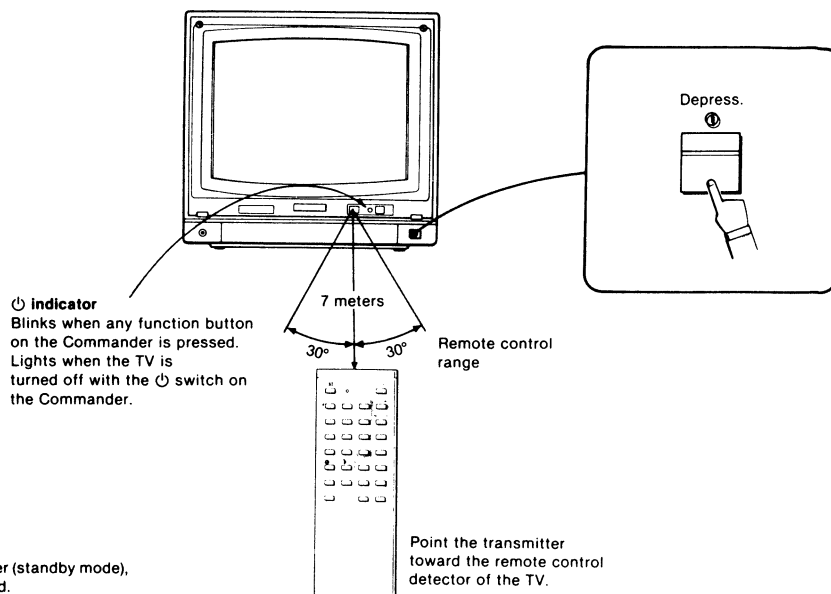
ACCESSORIES AND PACKING MATERIALS

Part No.	Description	Remark
A-1470-625-A	COMMANDER ASSY (RM-635)	
4-362-269-00	BAG, PROTECTION	
4-368-620-00	CUSHION (UPPER) (ASSY)	
4-368-621-00	CUSHION (LOWER) (ASSY)	
4-368-660-00	CUSHION (REAR)	
*4-375-750-01	INDIVIDUAL CARTON	
4-491-952-41	INSTRUCTION	
4-493-828-72	MANUAL, INSTRUCTION	

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

SECTION 5 REMOTE COMMANDER

5-1. GENERAL



If the TV is turned off with the Remote Commander (standby mode), the picture and sound settings will be memorized.
If the TV is turned off with the \odot switch on the TV, they will return to the levels fixed with the controls on the TV.

FUNCTION OF THE BUTTONS ON THE REMOTE COMMANDER

Each button has different functions for normal TV, teletext and VTR operations.

Functions for operating the TV are indicated in **white or black**.

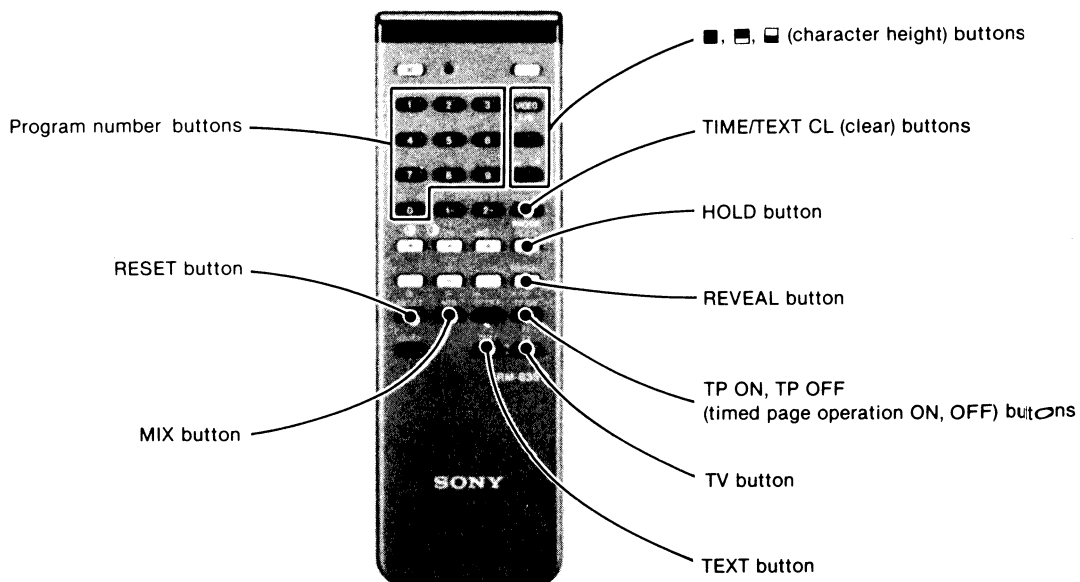
Functions for operating the video tape recorder* are indicated in **brown**.

Functions for teletext operation using the optional OPK-203 teletext adaptor are indicated in **green**.

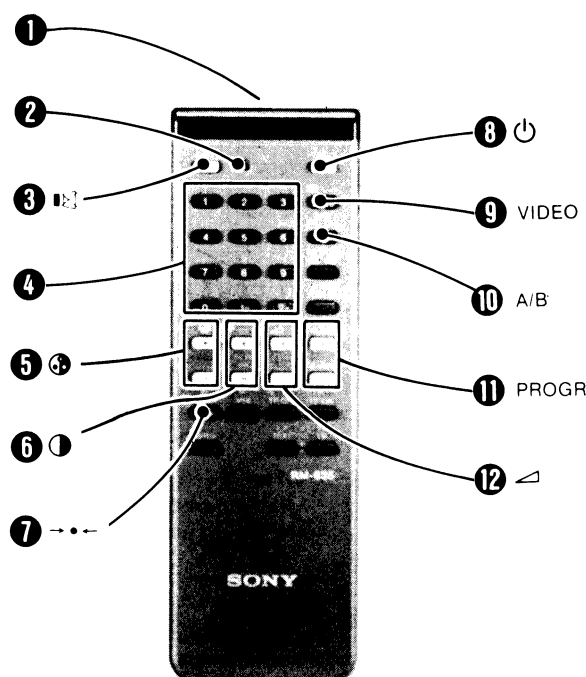
* This Remote Commander can control the Sony SL-F1E combined with the TT-F1 series tuner timer unit, and Sony SL-C9 series.

Buttons used for teletext operations

The following functions are for operating the TV as a teletext display by installing the optional Sony OPK-203 teletext adaptor. For details, please consult a dealer prepared to install a teletext adaptor.



Buttons used for normal TV operation



1 Transmitter

Point towards the remote control detector.

2 Pilot lamp

Lights when any button on the Remote Commander is pressed. If the lamp does not light when the button is pressed, battery replacement is required.

3 (sound mute) button

When you want to mute the sound (to answer the telephone, for instance), press this button. To restore the sound, press this button again.

4 Program number buttons

Programs are displayed by pressing the corresponding numbers. For programs 1 through 9, press the appropriate single-digit button.

For programs 10 through 19, press the [1-] button (the tens-digit "1" will blink on the program indicator), then the button corresponding to the last digit of the program number (the tens-digit will now stop blinking). For example:

for program 10, press [1-] and [0].
for program 11, press [1-] and [1].

For programs 20 to 29, press the [2-] button and then the single-digit button.

For program 30, press the [0] button.

Note: If you do not press a single-digit button within several seconds after pressing the [1-] or [2-] button, the previous program setting will be automatically recalled.

5 (color) buttons

Adjust the color intensity. Press the + button to increase it, or the - button to decrease it.

6 (picture) buttons

Press the + button to increase the picture contrast, or the - button to decrease it.

7 (normal) button

Press this button once instantly returns the color and contrast settings made with the 5 and 6 buttons on the Commander to the factory preset levels.

8 (standby) switch

Turns the TV in standby mode. Program indicator will show "—". To turn on the TV from the standby mode, press a program number button or 7 button on the Commander.

9 VIDEO button

This button is not usable for this TV. When this button is pressed, "AU" will momentarily light in the program indicator, but will immediately disappear.

10 A/B button

This button is not usable for this TV.

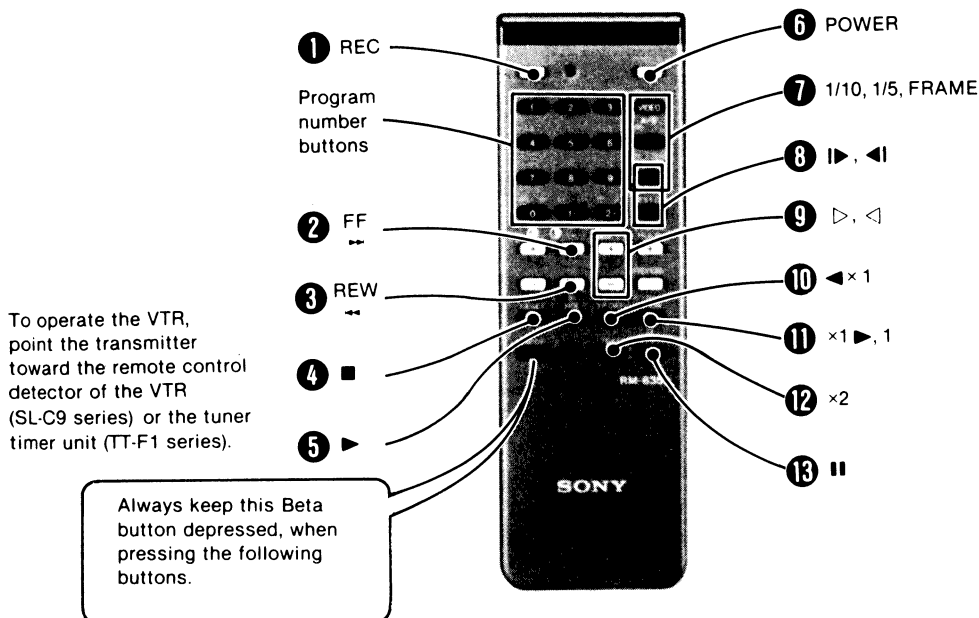
11 PROGR (program) buttons

Function the same as the PROGR buttons on the TV.

12 (volume) buttons

Press the + button to increase the volume, or the - button to decrease it.

Buttons used for VTR operations



Buttons which have the same functions for both SL-C9 series and SL-F1E

1 REC (record) button

Press to start recording.

2 FF (fast-forward) button

Press to advance the tape rapidly. This button is also used for the forward picture-search operation.

3 REW (rewind) button

Press to rewind the tape. This button is also used for the reverse picture-search operation.

4 ■ (stop) button

Press to stop the tape.

5 ► (play) button

Press to play the tape back.

6 POWER switch

Press to turn the video tape recorder (and the tuner timer unit) on or off.

12 x2 (double-speed) button

Functions the same as the x2 button on the video tape recorder. Press to obtain a double-speed playback picture.

13 || (pause) button

Functions the same as the || PAUSE button on the SL-C9 series and the PAUSE button on the SL-F1E. To release the pause mode, press this button again.

Buttons used for the SL-C9 series

7 Speed control buttons (1/10, 1/5, FRAME)

Function the same as the 1/10, 1/5 and FRAME of the SPEED CONTROL buttons on the recorder.

8 ► (forward) and ◀ (reverse) buttons

Select the direction of the speed control playback. Function the same as the ► and ◀ buttons of the SPEED CONTROL buttons on the recorder.

11 1 (normal speed) button

Functions the same as the 1 button of the SPEED CONTROL buttons on the recorder.

Buttons used for the SL-F1E

8 ► (forward slow motion) and ◀ (reverse slow motion) buttons

Function the same as the ► and ◀ SWING SEARCH buttons on the SL-F1E.

10 ◀ x1 (reverse) button and

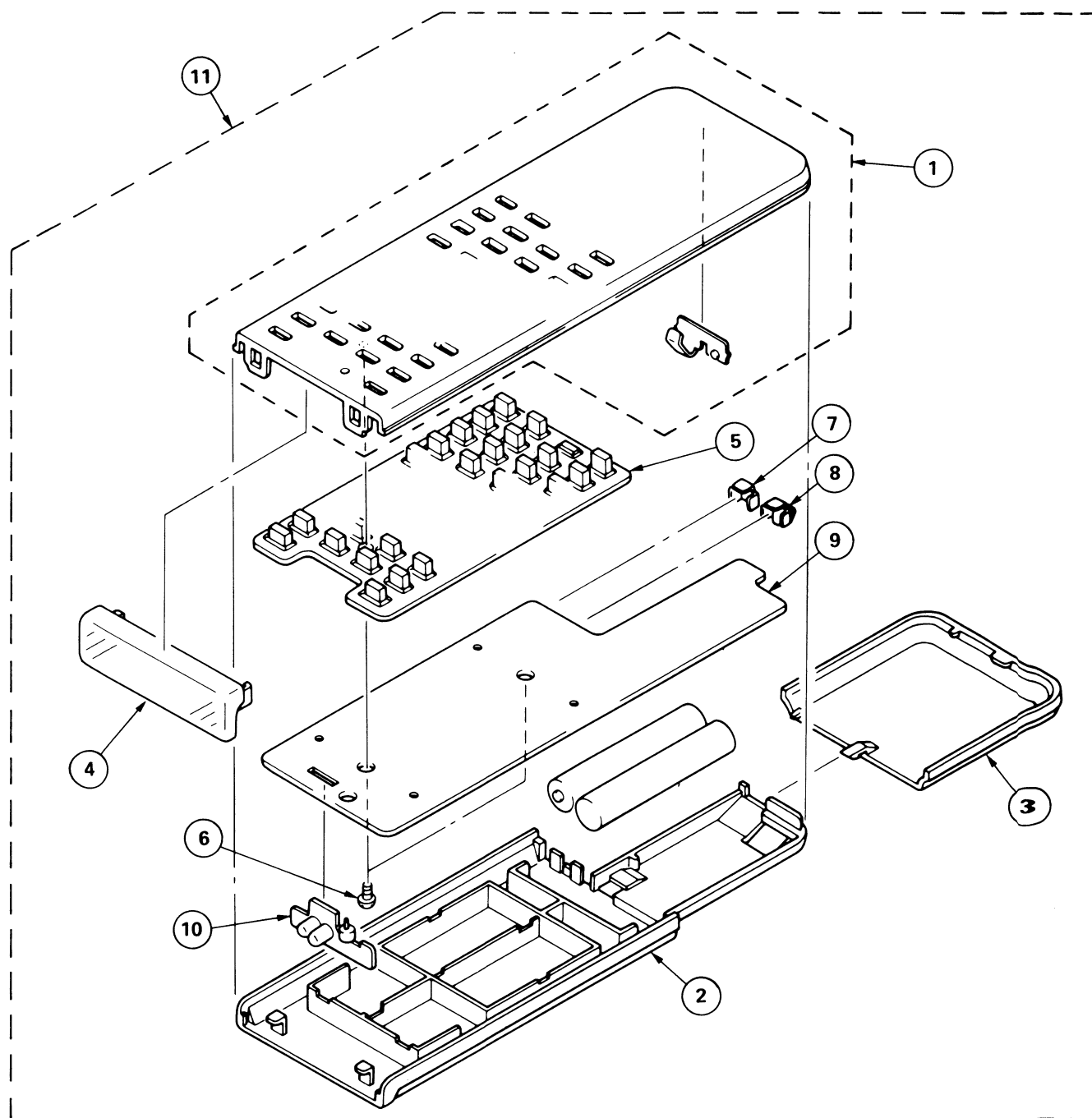
11 x1 ► (forward) button

Function the same as the ◀ and ► SWING SEARCH buttons on the SL-F1E.

5-2. EXPLODED VIEW

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4362-211-0	CASE (UPPER) ASSY, COMMANDER		7	4-348-542-00	TERMINAL (A), BATTERY	
2	4-361-948-00	CASE (LOWER), COMMANDER		8	4-348-543-00	TERMINAL (B), BATTERY	
3	4-361-945-00	COVER, BATTERY		9	*1-608-613-00	R1 BOARD	
4	4-361-943-00	PANEL, FRONT, COMMANDER		10	*1-608-614-00	R2 BOARD	
5	4-361-944-21	SHEET, SILICON, RUBBER		11	A-1470-625-A	COMMANDER ASSY (RM-635)	1-10
6	4-356-741-00	SCREW, TAPPING (BIND 2X5)					

R2 R1

5-3. ELECTRICAL PARTS LIST

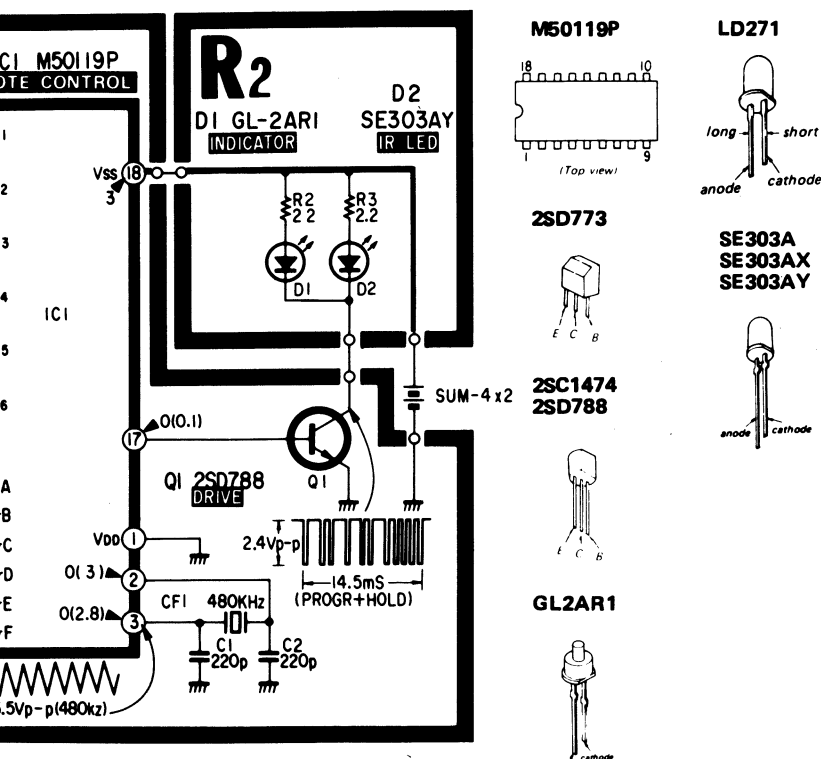
• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

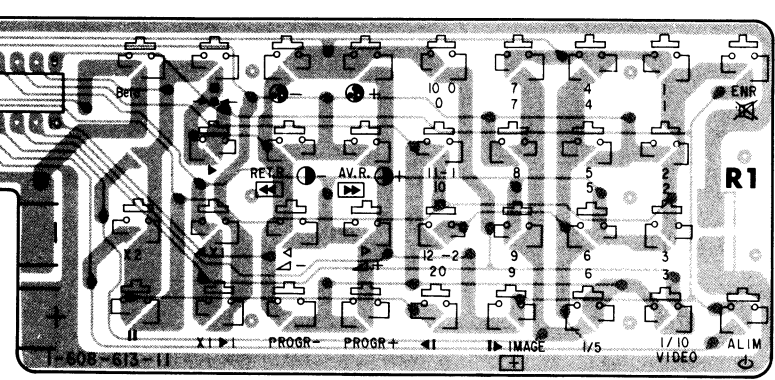
CAPACITORS
• MF : μ F, PF : $\mu\mu$ F
RESISTORS
• All resistors are in ohms
• F : nonflammable

Ref.No.	Part No.	Description	Remark
	*1-608-614-00	R2 BOARD *****	
		<u>DIODE</u>	
D1	8-719-900-23	DIODE GL-2AR1	
D2	8-719-107-82	DIODE SE303AY	
		<u>RESISTOR</u>	
R2	1-215-698-91	METAL 22 5% 1/6W	
R3	1-247-767-00	CARBON 2.2 5% 1/6W	

	*1-608-613-00	R1 BOARD *****	
	4-348-542-00	TERMINAL (A), BATTERY	
	4-348-543-00	TERMINAL (B), BATTERY	
		<u>CAPACITOR</u>	
C1	1-161-315-00	CERAMIC 220PF 10% 50V	
C2	1-161-315-00	CERAMIC 220PF 10% 50V	
		<u>OSCILLATOR</u>	
CF1	1-527-476-00	OSCILLATOR, CERAMIC	
		<u>IC</u>	
IC1	8-759-600-07	IC M50119P	
		<u>TRANSISTOR</u>	
Q1	8-729-378-84	TRANSISTOR 2SD788	

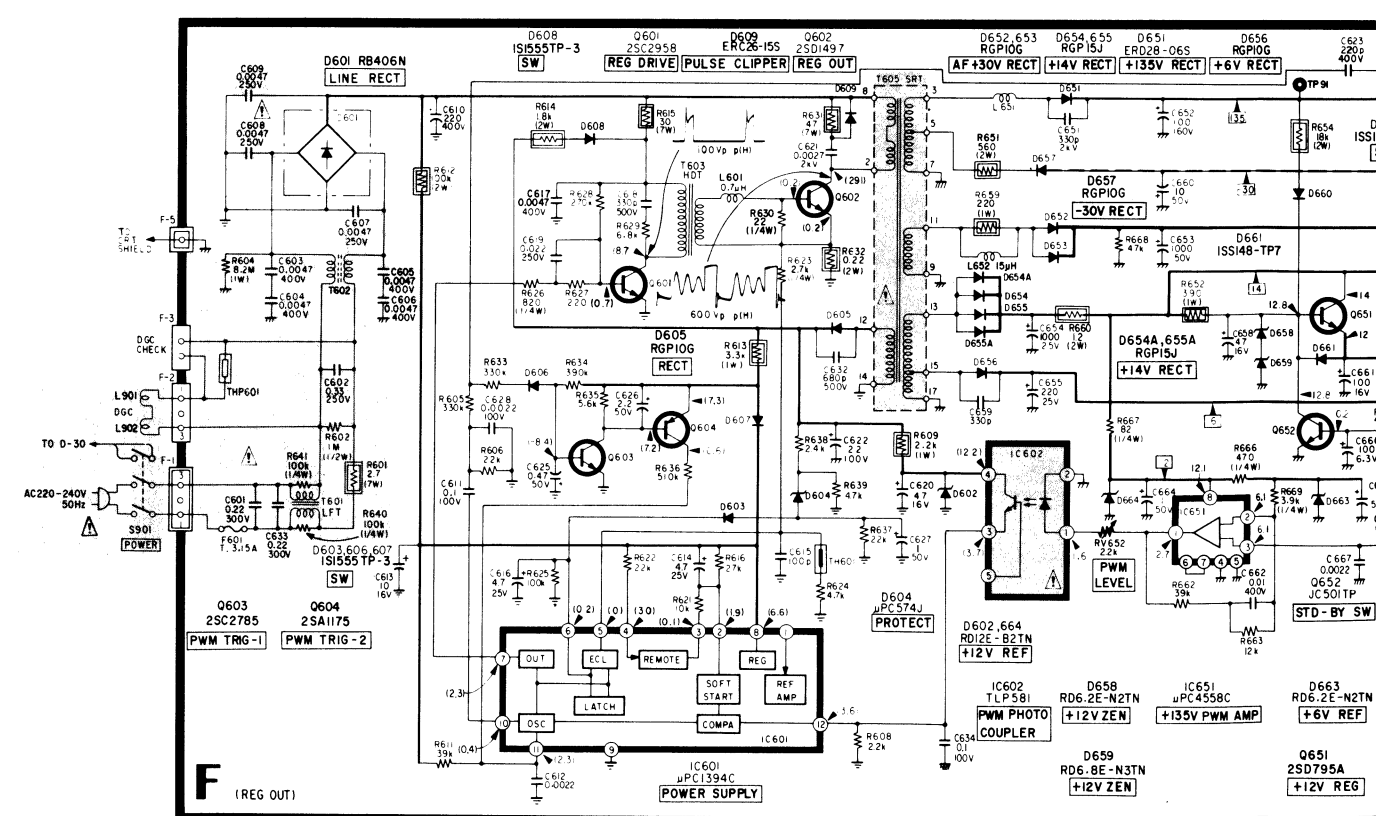
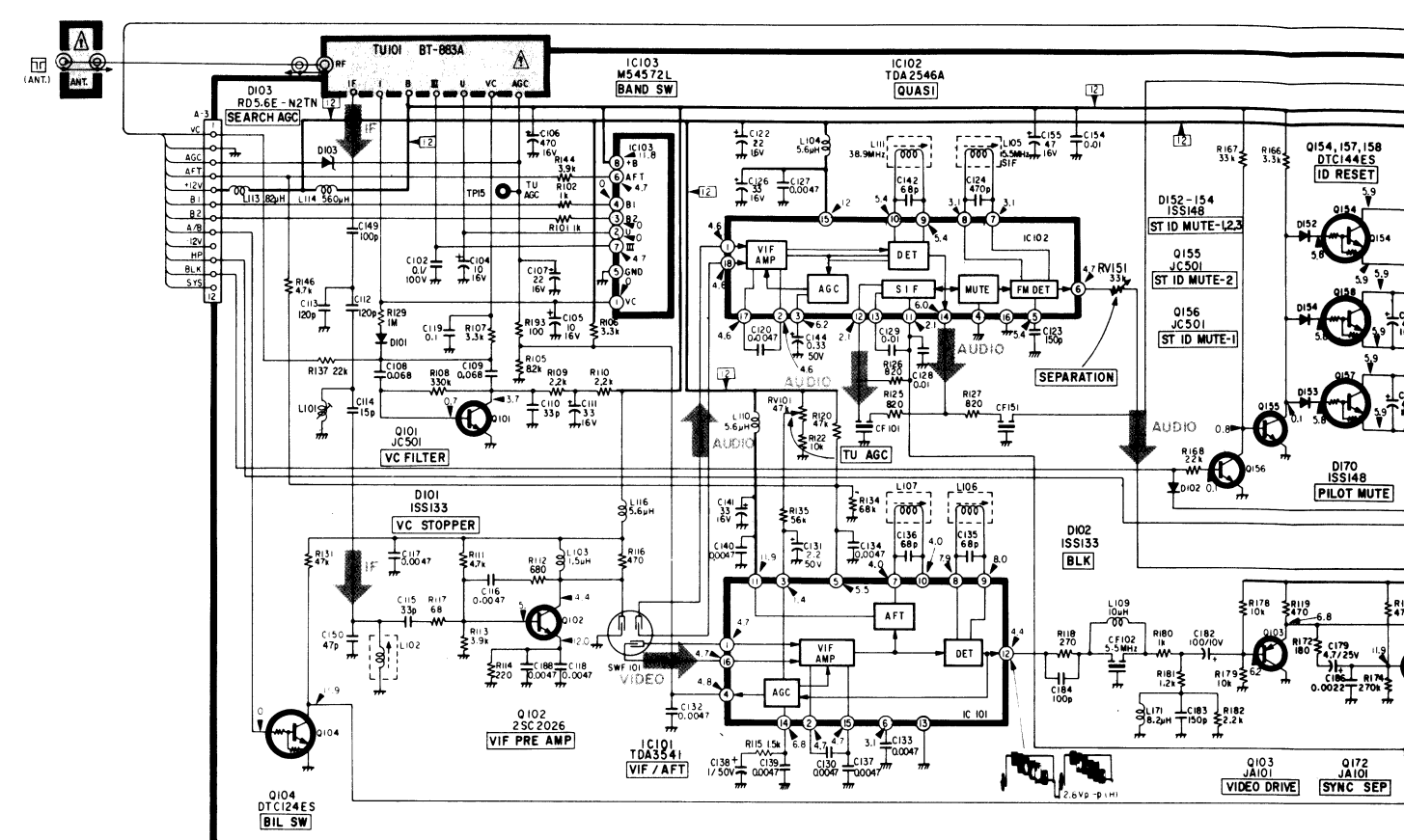


D	E	F
S19 1-	S25 II	S31
S20 2-	S26 X2	S32
S21 VIDEO I/O	S27	S33
S22 1/5	S28	S34
S23 PROGR +	S29	S35
S24 PROGR -	S30	S36
		S37 Beta

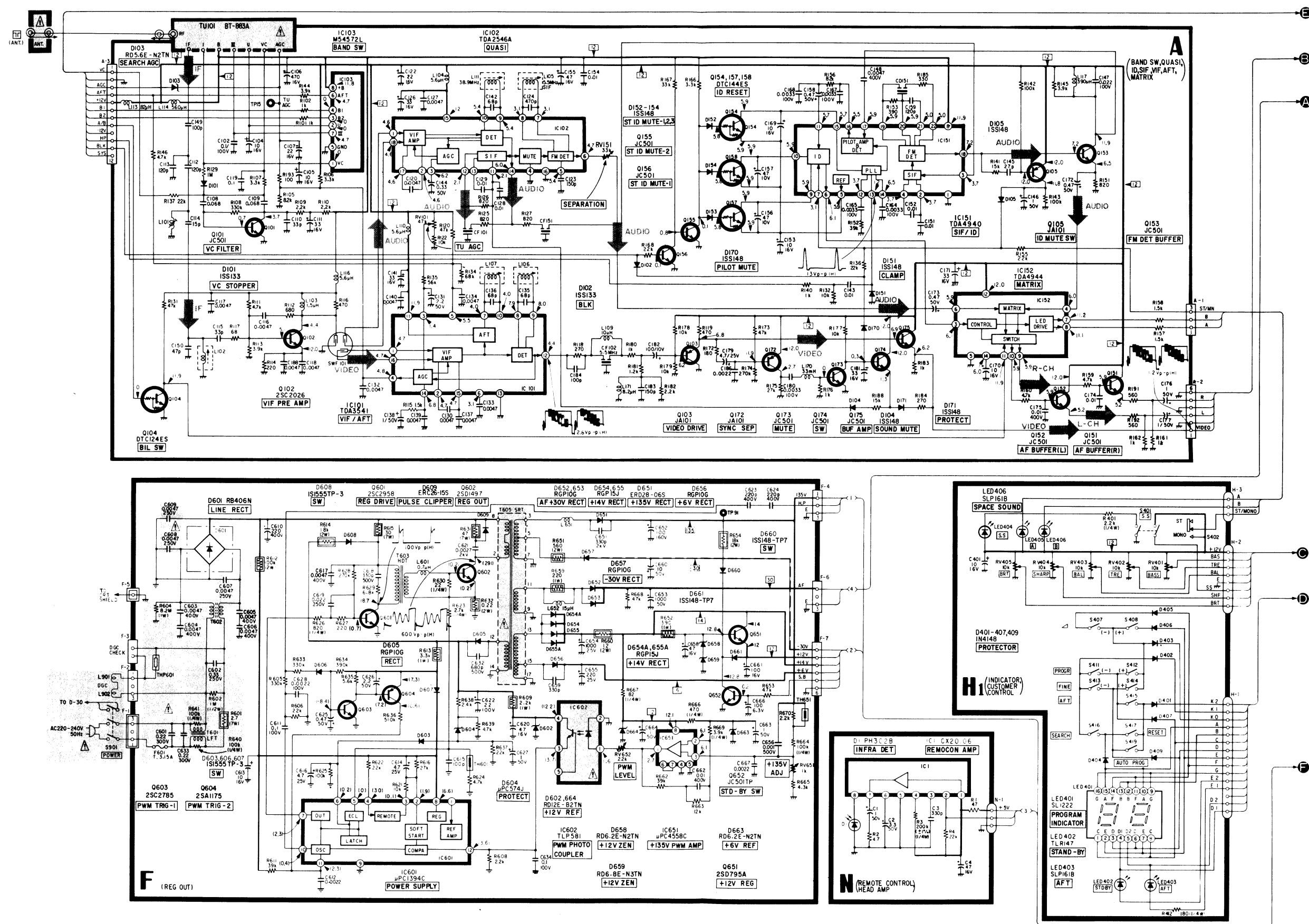


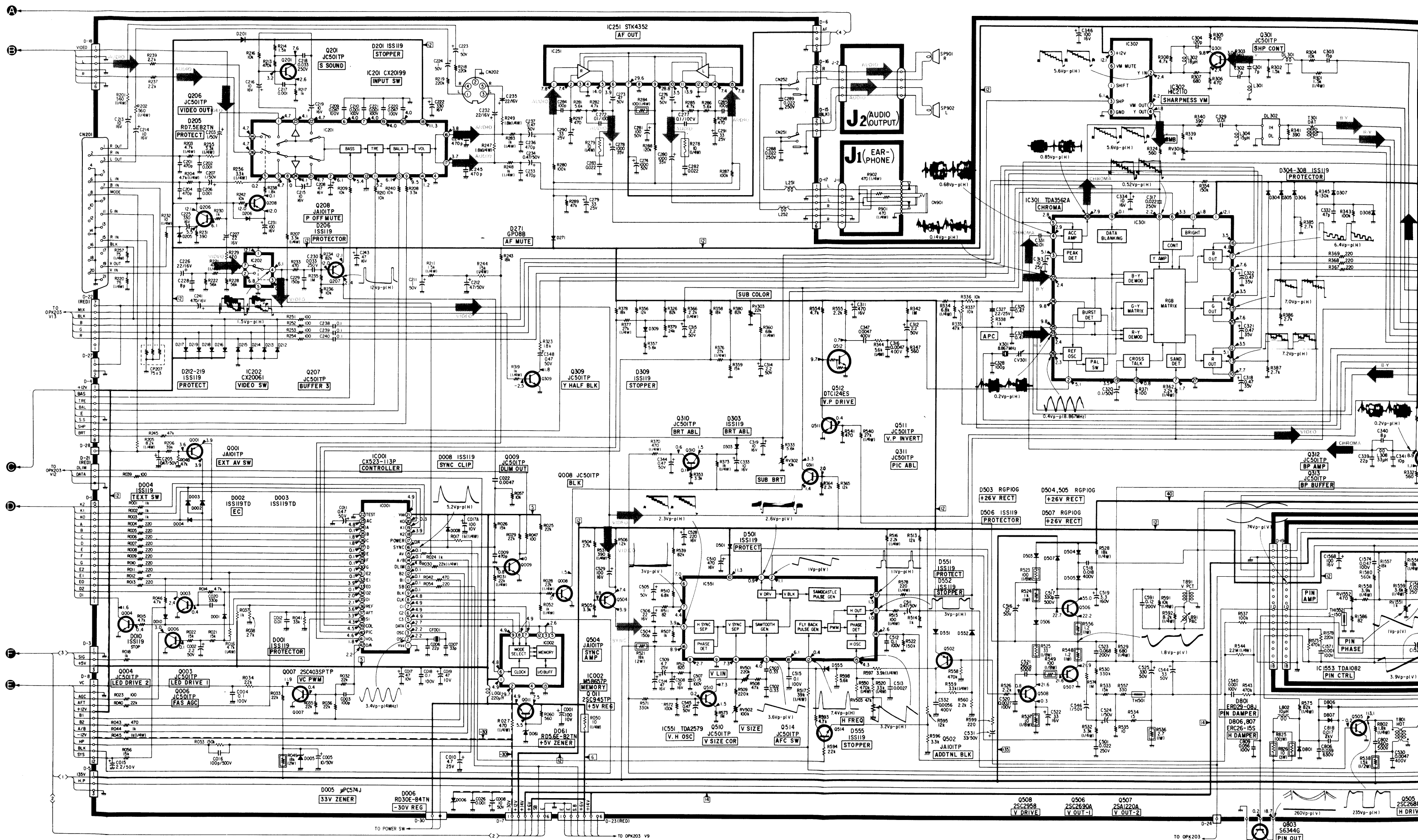
- Voltages and waveform are for when 1 button is pressed.
- Voltages in () are taken with button not pressed.
- Voltage variations may be noted due to normal production tolerances.
- — : B + bus.

SCHEMATIC DIAGRAM



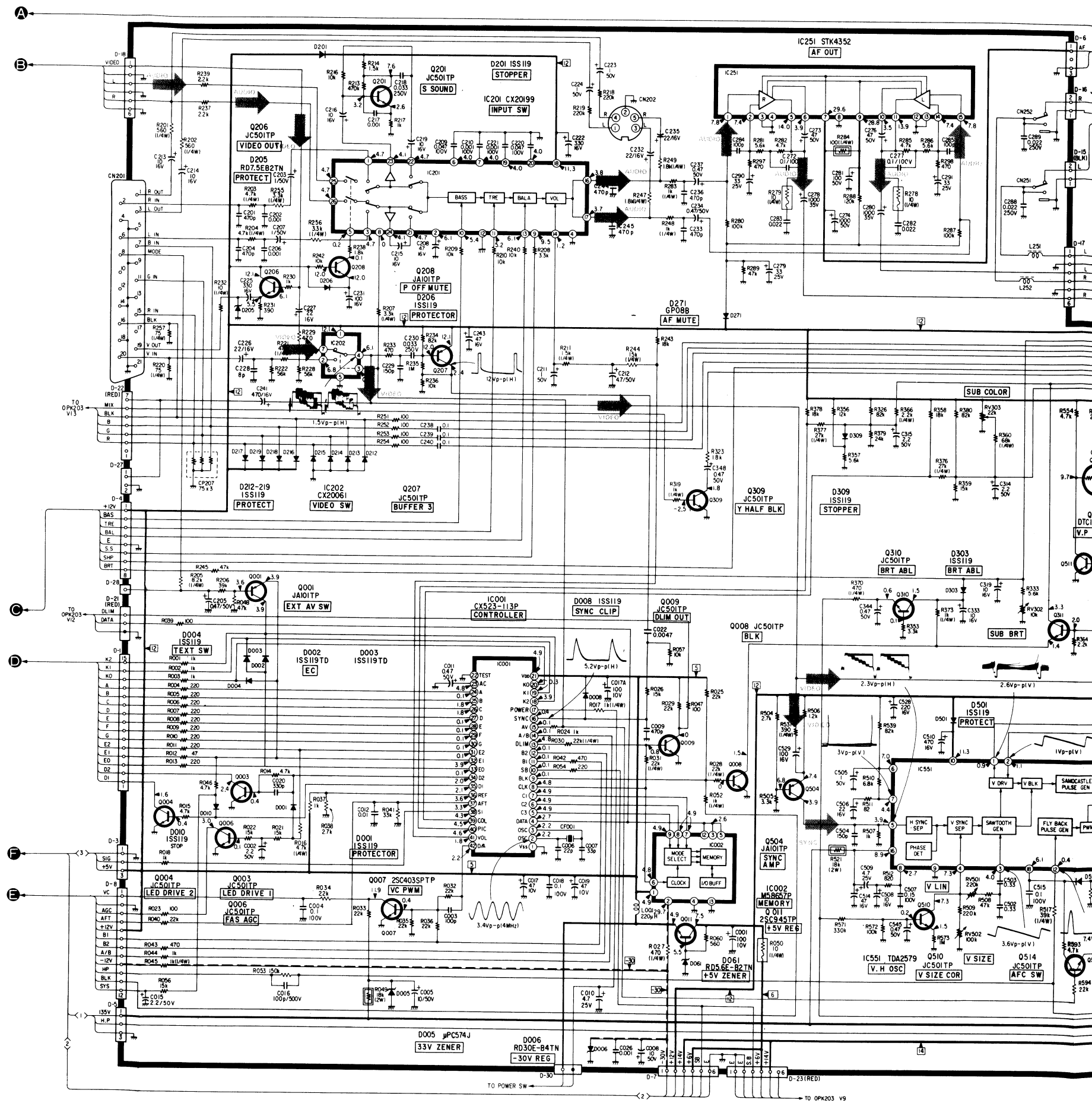
(KV-2252EC/ RM-635)





This diagram shows an exploded view of a mechanical assembly. The components are labeled as follows:

- N**: A large rectangular plate or housing.
- H1**: A small rectangular component, possibly a pin or spacer.
- F**: A small rectangular component, possibly a pin or spacer.
- A**: A small rectangular component, possibly a pin or spacer.
- D1**: A small rectangular component, possibly a pin or spacer.
- D**: A small rectangular component, possibly a pin or spacer.
- J1**: A small rectangular component, possibly a pin or spacer.
- C**: A small rectangular component, possibly a pin or spacer.
- J2**: A small rectangular component, possibly a pin or spacer.

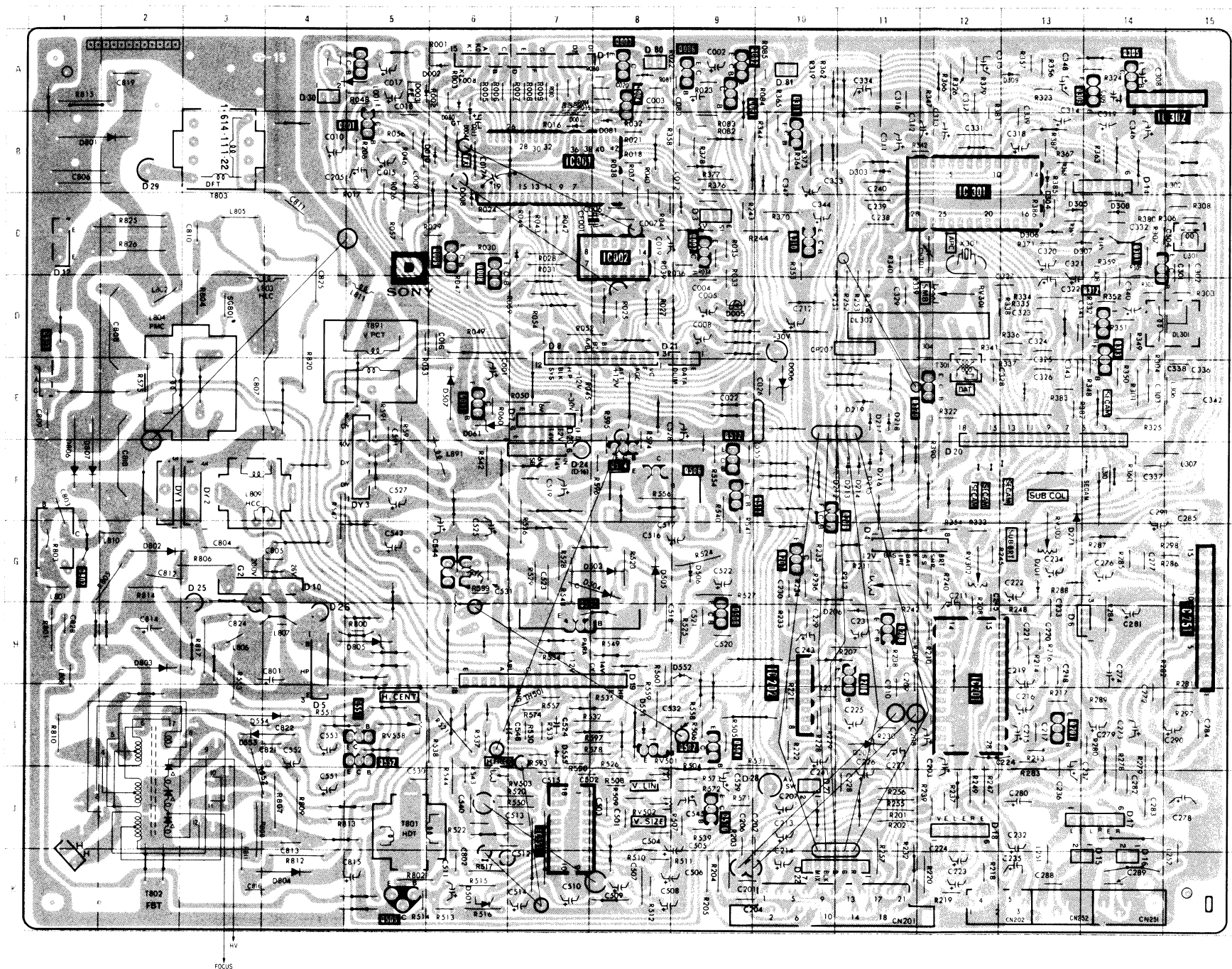


MOUNTING DIAGRAM

Note: All mounting diagrams are viewed from conductor side.

D

POWER CONTROL, CHROMAPROCESS,
AUDIO CONTROL, MEMORY



CIRCUIT ADJUSTMENT

SUB COLOR ADJUSTMENT

RV303 G-13

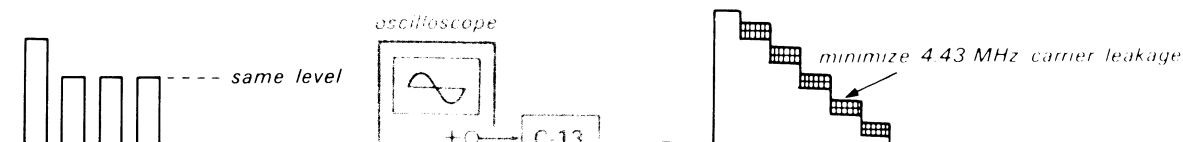
4.43 MHz TRAP ADJUSTMENT

L301 = C-15

H1

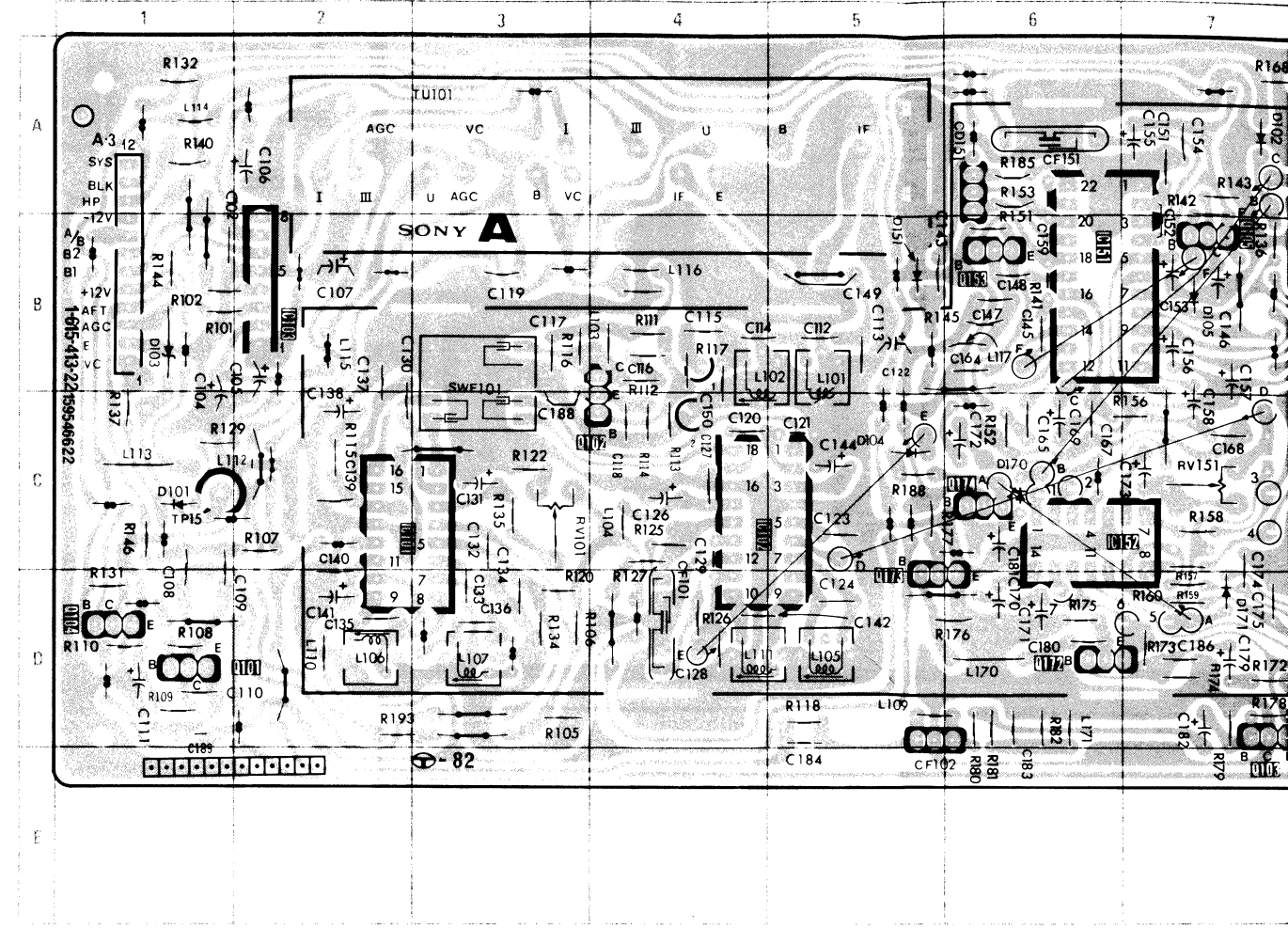
[INDICATOR, CUSTOMER CONTROL]

1. Receive a color bar signal.
2. Set the picture control at Norm, COLOR control at minimum and BRIGHTNESS control to Mechanical center.
3. Connect an Oscilloscope at pin ⑰ of IC301.
4. Adjust RV303 so that same level as shown.

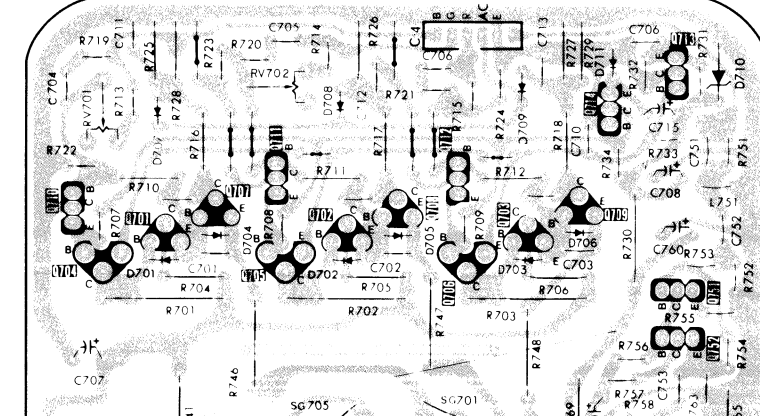
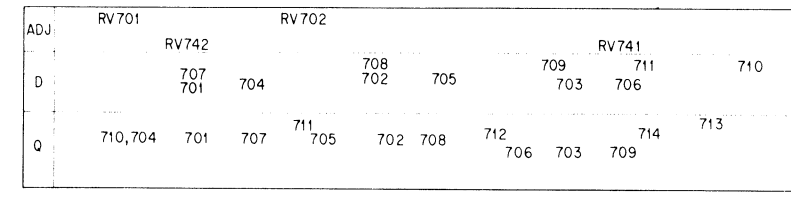


D

[illegible]

[illegible][BAND SW, QUASI, ID,
SIF, VIF, AFT, MATRIX]

[R.G.B. OUT]



CIRCUIT ADJUSTM

TU. AGC ADJUSTMENT

1. Tune in an off-air signal.
2. Adjust RV101 so that modulation disappear from

SEPARATION ADJUSTMENT

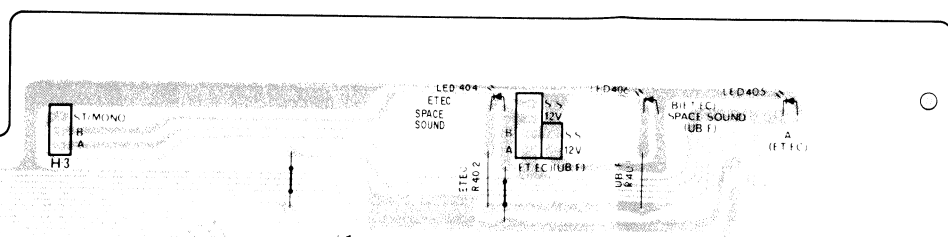
1. Receive a stereo signal (400 Hz)
2. Confirm the stereo indication
3. Confirm the output 1 kHz
4. Adjust RV151 so that mixer output is 1 kHz

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1. Tune in an off-air signal.
2. Adjust L105 for maximum

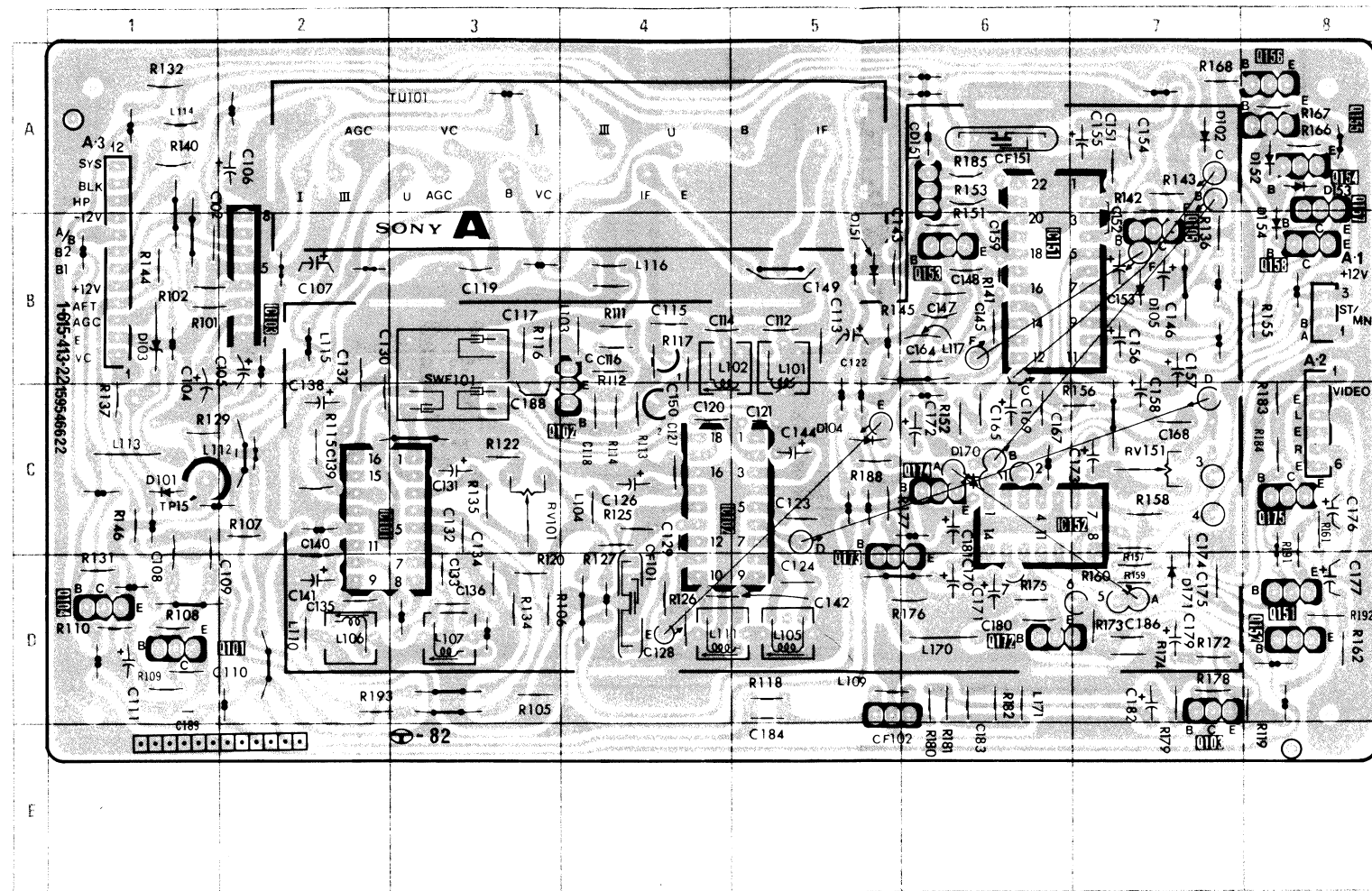
SEMICONDUCTORS

CX20061
CX20106
M54572L

TDA1082
TDA3541

(KV-2252EC/ RM-635)

A [BAND SW, QUASI, ID,
SIF, VIF, AFT, MATRIX]



CIRCUIT ADJUSTMENTS

TU. AGC ADJUSTMENT

RV101 = C 3

1. Tune in an off-air signal.
2. Adjust RV101 so that snow noise and cross-modulation disappear from the picture.

SEPARATION ADJUSTMENT

RV151 - C.7

1. Receive a stereo signal (L-CH 1 kHz, R-CH 400 Hz).
2. Confirm the stereo indicator.
3. Confirm the output 1 kHz signal at pin ⑨ of IC152.
4. Adjust RV151 so that minimum 1 kHz signal at pin ⑩ of IC152.

SIF ADJUSTMENT

L105 = D-5

1. Tune in an off-air signal.
2. Adjust L105 for maximum clear-sound.

SEMICONDUCTORS

CX20061
CX20106
M54572L

TDA1082
TDA3541

μPC574J

2SB734
2SC2958
2SC2959
2SD774

1N4148
1S1555
1S2076
1S2473
EQA02-06AV3
EQA02-07DV3

ES1F
GP08B
RGP10G

S6344G

R345	E 14	R552	J-3
R347	A 12	R553	E 4
R348	E 14	R554	E 4
R349	D 14	R555	E 10
R350	E 14	R556	E 6
R351	D 14	R557	E 4
R352	D 14	R558	E 4
R353	E 10	R559	E 8
R354	E 12	R560	E 8
R356	A 10	R571	J-3

R357	A 13	R572	J 9
R358	B 8	R573	J 9
R359	C 14	R574	F 7
R360	F 14	R575	F 2
R362	A 10	R578	16
R364	B 10	R591	F 5
R365	A 10	R592	E 5
R366	A 12	R593	17
R367	B 15	R594	F 8

R368	B 13	R595	F 8
R369	C 13	R596	F 8
R370	C 10	R597	F 8
R371	C 13	R598	F 7
R373	B 10	R599	G 6
R376	B 9	R801	F 1
R377	B 9	R802	F 5
R378	B 9	R803	G 1
R379	A 12	R804	F 3
R380	C 14	R805	G 2

R382	E 11	R806	J 3
R383	E 13	R807	J 4
R385	B 13	R808	J 2
R386	C 13	R809	J 4
R387	B 13	R810	J 1
R390	F 12	R811	K 3
R504	I 9	R812	K 4
R505	I 9	R813	J 6
R506	I 9	R814	J 2

R507	J 9	R815	A 1
R508	J 8	R817	H 3
R509	J 8	R820	B 4
R510	K 8	R825	C 2
R511	K 9	R826	C 2
R512	K 8		
R513	K 6	VARIABLE	
R514	K 5	RESISTOR	
R515	K 6		
R516	K 6	RV301	D 12
		RV302	

R517	K 6	RV302	G 12
R520	J 7	RV303	G 13
R521	I 6	RV501	I 8
R522	J 6	RV502	J 8
R523	G 6	RV503	J 8
R524	G 9	RV558	I 5
R525	H 9		
R526	I 8		
R527	G 9		
R528	G 7		

R529	G 7	TRANSFORMER	T301	E 12
R530	I-7		T801	J 5
R531	I-10		T802	J 2
R532	I-8		T891	D 5
R533	I 7			
R534	H 7	THERMISTOR		
R535	I-8			
R536	G-7			
R537	I-6			
R538	I-6			

R539	J 9	TH501	17
R540	F 9		
R541	G 9	CRYSTAL	
R542	F 6		
R544	J 6	X301	Q12
R547	F 4		
R548	G 7	COMBINATION PARTS	
R549	H 8		
R550	J 7		
R551	I 4		

CP207	D-10

**VARIABLE
RESISTOR**

RV301	D 12
RV302	G 12
RV303	G 13
RV501	I 8
RV502	J 8
RV503	J 7
RV558	I 5

SPARK GAP

SG801 0.2

TRANSFORMER

T301	E 12
T801	J 5
T802	J 2
T891	D 5

THERMISTOR

TH501 17

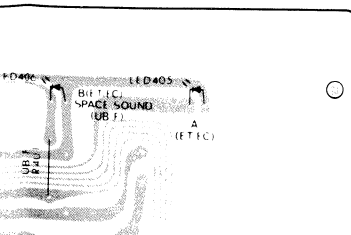
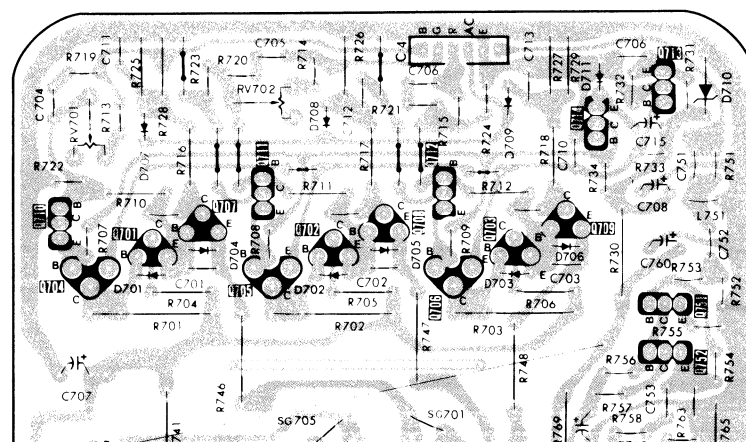
CRYSTAL

X301 012

COMBINATION PARTS

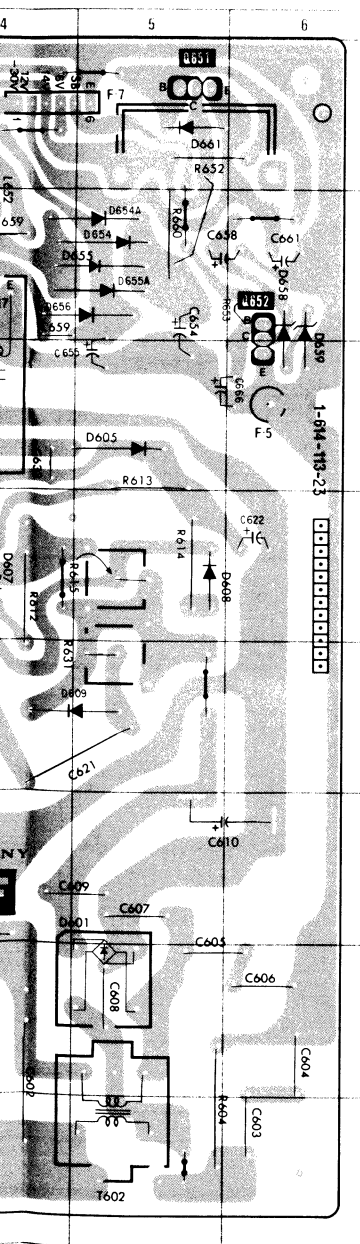
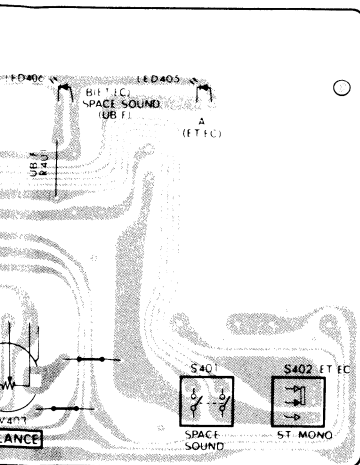
CP207 D-10

C [R.G.B. OUT]

[illegible]

A

CONNECTOR		C169	C6	L113	C	R141	B6		
A1	B8	C170	D6	L114	A1	R142	A7		
A2	B8	C171	D6	L116	B4	R143	A7		
A3	A-1	C172	C6	L117	B6	R144	B1		
CAPACITOR		C173	C7	L170	D6	R145	B6		
		C174	D7	L171	D6	R146	C1		
		C175	D7	TRANSISTOR		R151	B6		
		C176	C8			R152	C1		
		C177	C8			R153	A7		
		C179	D7			R155	B8		
		C180	C6			R156	C1		
		C181	C6			R157	C1		
		C182	C7			R158	C7		
		C183	C6			R159	D7		
		C184	C6			R160	C1		
		C186	C7			R161	C4		
		C188	C3			R162	C5		
		DISCRIMINATOR		Q154	A6	R166	A8		
C113	B5			Q155	A8	R167	A8		
C114	B5			Q156	A8	R168	A7		
C115	B4	CD151		Q157	B8	R172	C7		
C116	B4			Q158	B8	R173	D7		
C117	B4	FILTER		Q172	D6	R174	D7		
C118	B4			Q173	D5	R175	C6		
C119	B4			Q174	C6	R176	C6		
C120	B4			Q175	C8	R177	C6		
C122	B5	CF101 CF102 CF151		RESISTOR		R178	D7		
C123	C6					R179	D7		
C124	C6					R180	C6		
C126	C6					R181	C6		
C127	C4	DIODE				R182	D6		
C128	C4					R183	C1		
C129	C4					R184	C8		
C130	C4					R185	A7		
C131	C3					R188	C6		
C132	C3					R191	C8		
C133	C3					R192	C8		
C134	C3					R193	C2		
C135	C3					VARIABLE RESISTOR			
C136	C3								
C137	C3								
C138	C3	D101 D102 D103 D104 D105 D151 D152 D153 D154 D170 D171				RV101	C6		
C139	C3					RV151	C7		
C140	C3					FILTER			
C141	C3								
C142	C3	IC		SWF101					
C143	C3								
C144	C3			TEST POINT					
C145	C3								
C146	B6			TP15					
C147	B7								
C148	B6			COIL				TUNER	
C149	B6								
C150	B6							TU101	
C151	C4								
C152	A7								
C153	B7								
C154	A7								
C155	C7								
C156	C7								
C157	B7								
C158	C7								
C159	B6	L101	B6	R126	C6	TUNER			
C164	B6	L102	B6	R127	C4				
C165	B6	L103	B4	R129	C1				
C167	C1	L104	C4	R131	C1				
C168	C7	L105	C6	R132	A1				
		L106	C2	R133	C3				
		L107	C3	R135	C3				
		L109	C5	R136	B7				
		L110	C4	R137	C1				
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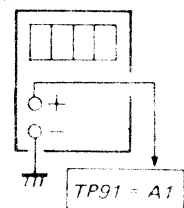
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CONNECTOR	D609	E-5	R634	D-1
F1	H-1		R635	D-1
F2	H-2		R636	E-1
F3	H-4		R637	E-2
F4	A-2		R638	D-2
F5	C-6		R639	G-2
F6	A-3		R640	G-2
F7	A-5		D652	B-4
			D653	B-3
			D654	B-3
			D655	B-3
			D656	B-3
			D657	B-3
			D658	B-6
			D659	C-6
CAPACITOR	D652	A-3	R660	B-5
C601	G-1		R661	C-1
C602	G-4		R662	C-1
C603	H-6		R663	B-1
C604	G-6		R664	B-1
C605	G-6		R665	B-1
C606	F-5		R666	B-2
C607	F-5		R667	B-2
C608	F-5		R668	B-3
C609	F-5		R669	B-1
C610	F-6		R670	A-1
			TRANSFORMER	
			T601	G-3
			T602	H-5
			T603	E-3
			T605	B-3
IC	D652	A-3	THERMISTOR	
IC601	E-1		TH601	E-2
IC602	C-1		TH651	A-1
IC651	B-2		THP601	G-3
COIL	D652	A-3	RESISTOR	
L601	F-3		R601	F-3
L651	B-2		R602	G-4
L652	B-4		R604	H-6
			R605	F-1
			R606	F-1
			R608	D-1
			R609	D-2
			R611	D-4
			R612	D-4
			R613	C-5
			R614	C-5
			R615	D-5
			R616	D-5
			R621	D-2
			R622	D-2
			R623	D-2
			R624	D-2
			R625	D-2
			R626	D-2
			R627	F-2
			R628	F-2
			R629	F-2
			R630	F-4
			R631	C-3
			R632	C-3
			R633	C-3
DIODE	D652	A-3		
D601	F-5			
D602	D-2			
D603	F-2			
D604	D-2			
D605	C-5			
D606	C-5			
D607	D-4			
D608	D-6			

+135V ADJUSTMENT RV651 = B-1

- Adjust RV651 so that the digital multimeter (A) reading is $+135V \pm 0.5Vdc$.

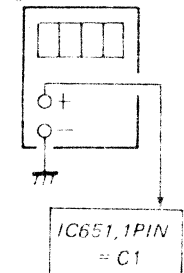
digital multimeter (A)



PWM LEVEL RV652 = C-1

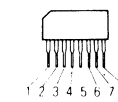
- Adjust RV652 so that the digital multimeter (B) reading is $+3.0V \pm 0.1VDC$.

digital multimeter (B)

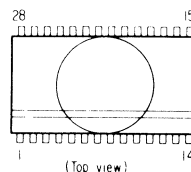


SEMICONDUCTORS

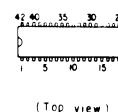
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CX20106
M54572L



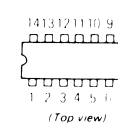
CX20199



CX523-113P



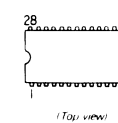
M58657P
TDA4944
μPC1394C



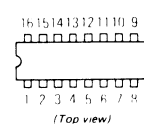
HIC2110



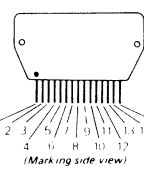
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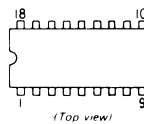
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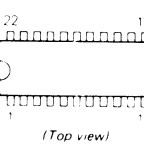
STK-4352



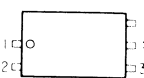
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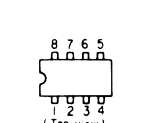
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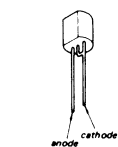
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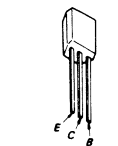
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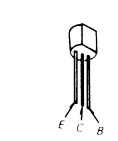
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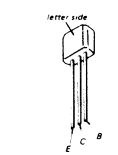
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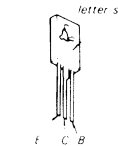
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JC501TP



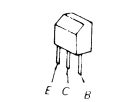
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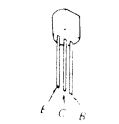
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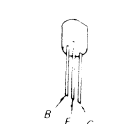
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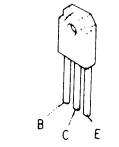
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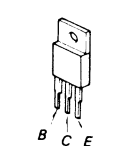
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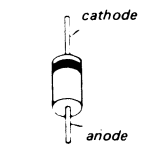
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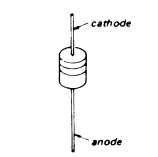
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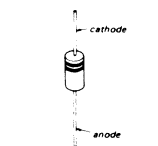
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ERD28-08S
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HZ13EB2
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HZ7.5EB2
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RD6.2EN2
RD6.8EN3
RD7.5EB2



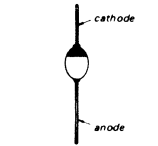
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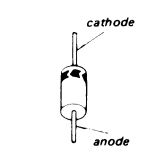
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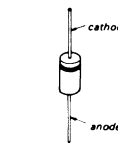
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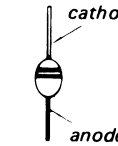
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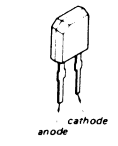
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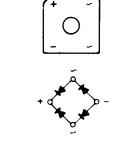
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U05G



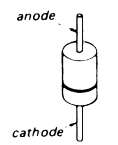
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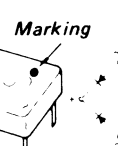
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RGP15G
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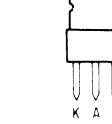
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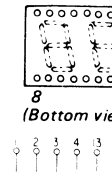
V19C
V19E



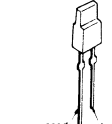
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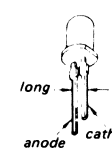
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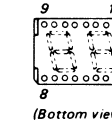
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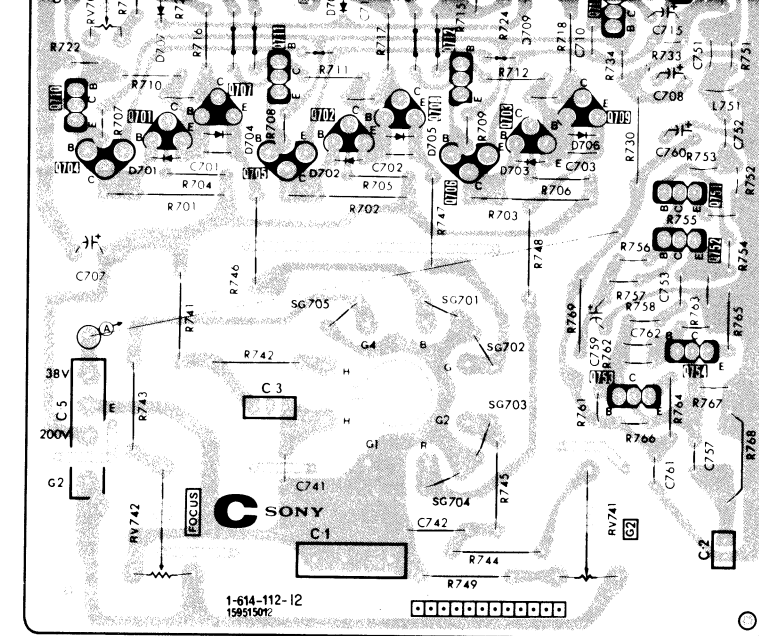
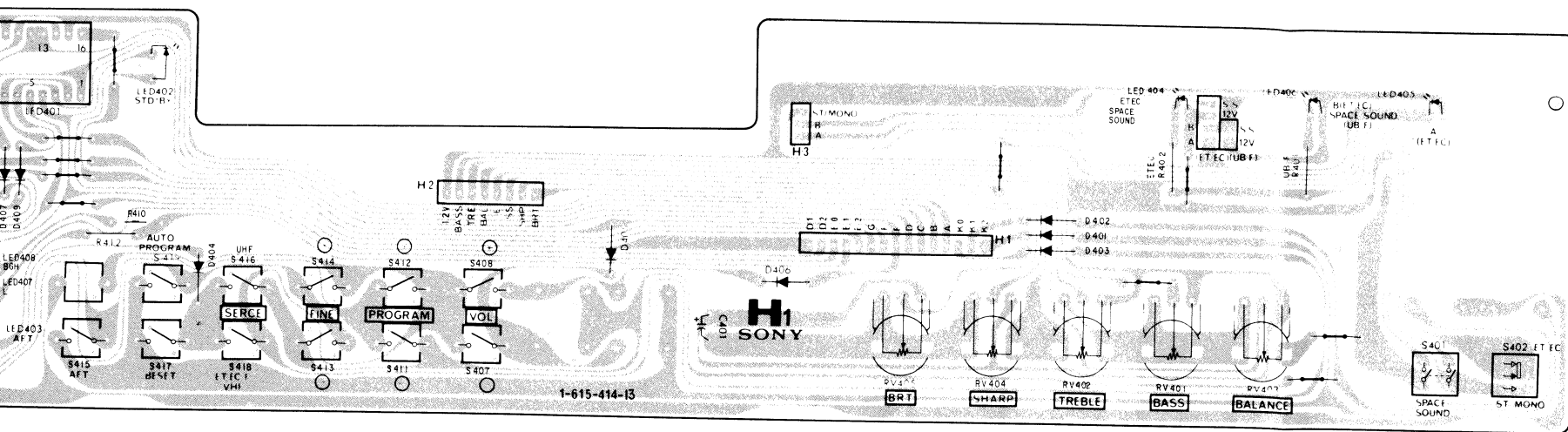


TLR147



TLR320





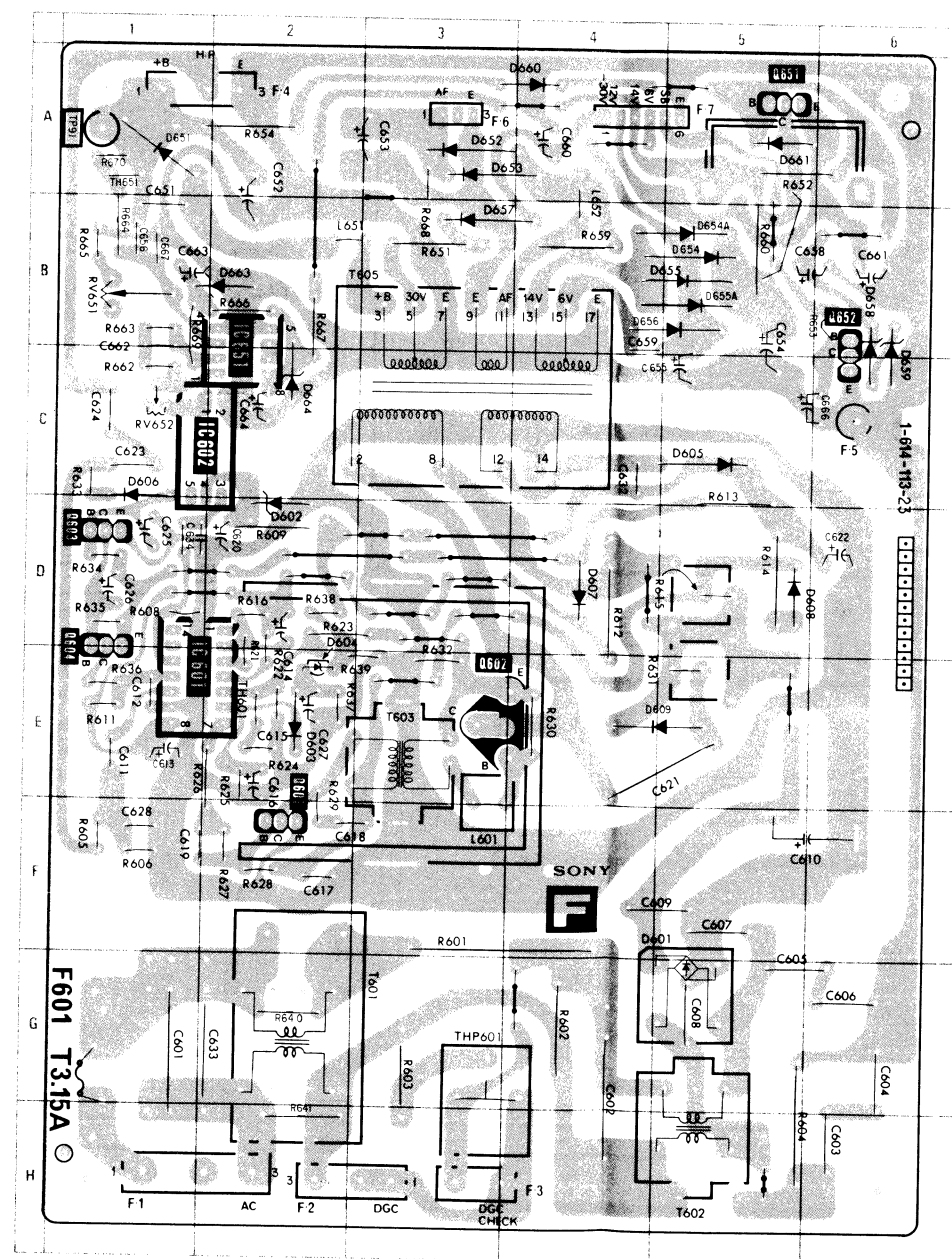
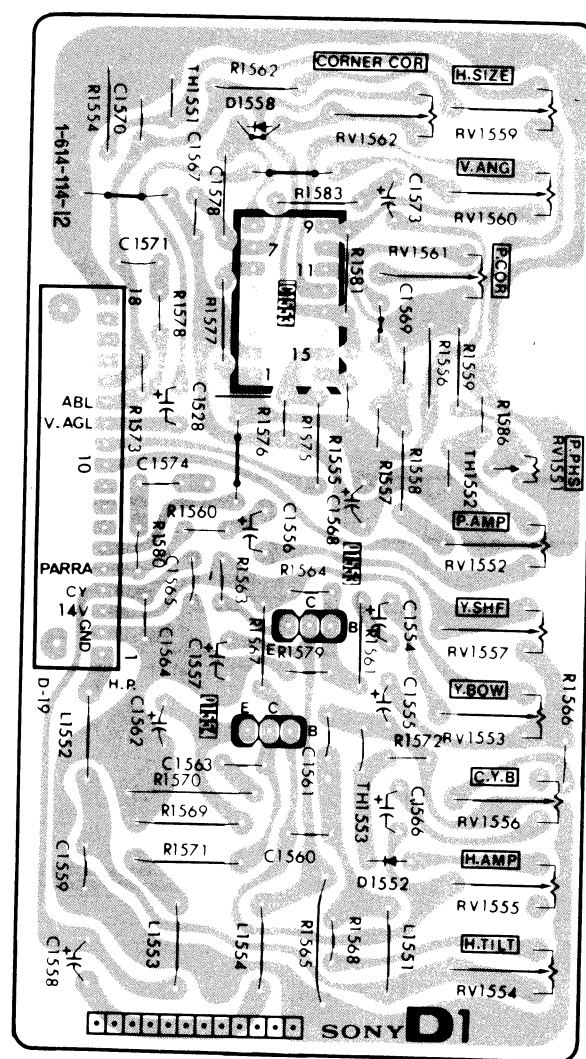
D1

[PIN CTRL, Y BOW]

F

[REG OUT]

F



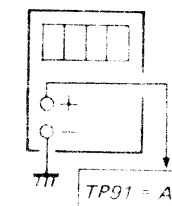
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F1	H-1	D651	A-1	R635	D-1
F2	H-2	D652	A-2	R636	D-2
F3	H-3	D653	A-3	R637	D-3
F4	H-4	D654	A-4	R638	D-4
F5	H-5	D655	A-5	R639	D-5
F6	H-6	D656	A-6	R640	D-6
F7	H-7	D657	A-7	R641	D-7
F8	H-8	D658	A-8	R642	D-8
F9	H-9	D659	A-9	R643	D-9
F10	H-10	D660	A-10	R644	D-10
F11	H-11	D661	A-11	R645	D-11
F12	H-12	D662	A-12	R646	D-12
F13	H-13	D663	A-13	R647	D-13
F14	H-14	D664	A-14	R648	D-14
F15	H-15	D665	A-15	R649	D-15
F16	H-16	D666	A-16	R650	D-16
F17	H-17	D667	A-17	R651	D-17
F18	H-18	D668	A-18	R652	D-18
F19	H-19	D669	A-19	R653	D-19
F20	H-20	D670	A-20	R654	D-20
F21	H-21	D671	A-21	R655	D-21
F22	H-22	D672	A-22	R656	D-22
F23	H-23	D673	A-23	R657	D-23
F24	H-24	D674	A-24	R658	D-24
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F26	H-26	D676	A-26	R660	D-26
F27	H-27	D677	A-27	R661	D-27
F28	H-28	D678	A-28	R662	D-28
F29	H-29	D679	A-29	R663	D-29
F30	H-30	D680	A-30	R664	D-30
F31	H-31	D681	A-31	R665	D-31
F32	H-32	D682	A-32	R666	D-32
F33	H-33	D683	A-33	R667	D-33
F34	H-34	D684	A-34	R668	D-34
F35	H-35	D685	A-35	R669	D-35
F36	H-36	D686	A-36	R670	D-36
F37	H-37	D687	A-37	R671	D-37
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F39	H-39	D689	A-39	R673	D-39
F40	H-40	D690	A-40	R674	D-40
F41	H-41	D691	A-41	R675	D-41
F42	H-42	D692	A-42	R676	D-42
F43	H-43	D693	A-43	R677	D-43
F44	H-44	D694	A-44	R678	D-44
F45	H-45	D695	A-45	R679	D-45
F46	H-46	D696	A-46	R680	D-46
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F50	H-50	D700	A-50	R684	D-50
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F52	H-52	D702	A-52	R686	D-52
F53	H-53	D703	A-53	R687	D-53
F54	H-54	D704	A-54	R688	D-54
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F56	H-56	D706	A-56	R690	D-56
F57	H-57	D707	A-57	R691	D-57
F58	H-58	D708	A-58	R692	D-58
F59	H-59	D709	A-59	R693	D-59
F60	H-60	D710	A-60	R694	D-60
F61	H-61	D711	A-61	R695	D-61
F62	H-62	D712	A-62	R696	D-62
F63	H-63	D713	A-63	R697	D-63
F64	H-64	D714	A-64	R698	D-64
F65	H-65	D715	A-65	R699	D-65
F66	H-66	D716	A-66	R700	D-66
F67	H-67	D717	A-67	R701	D-67
F68	H-68	D718	A-68	R702	D-68
F69	H-69	D719	A-69	R703	D-69
F70	H-70	D720	A-70	R704	D-70
F71	H-71	D721	A-71	R705	D-71
F72	H-72	D722	A-72	R706	D-72
F73	H-73	D723	A-73	R707	D-73
F74	H-74	D724	A-74	R708	D-74
F75	H-75	D725	A-75	R709	D-75
F76	H-76	D726	A-76	R710	D-76
F77	H-77	D727	A-77	R711	D-77
F78	H-78	D728	A-78	R712	D-78
F79	H-79	D729	A-79	R713	D-79
F80	H-80	D730	A-80	R714	D-80
F81	H-81	D731	A-81	R715	D-81
F82	H-82	D732	A-82	R716	D-82
F83	H-83	D733	A-83	R717	D-83
F84	H-84	D734	A-84	R718	D-84
F85	H-85	D735	A-85	R719	D-85
F86	H-86	D736	A-86	R720	D-86
F87	H-87	D737	A-87	R721	D-87
F88	H-88	D738	A-88	R722	D-88
F89	H-89	D739	A-89	R723	D-89
F90	H-90	D740	A-90	R724	D-90
F91	H-91	D741	A-91	R725	D-91
F92	H-92	D742	A-92	R726	D-92
F93	H-93	D743	A-93	R727	D-93
F94	H-94	D744	A-94	R728	D-94
F95	H-95	D745	A-95	R729	D-95
F96	H-96	D746	A-96	R730	D-96
F97	H-97	D747	A-97	R731	D-97
F98	H-98	D748	A-98	R732	D-98
F99	H-99	D749	A-99	R733	D-99
F100	H-100	D750	A-100	R734	D-100

+135V ADJUSTMENT

RV651 = B-1

- Adjust RV651 so that the digital multimeter (A) reading is $+135V \pm 0.5Vdc$.

digital multimeter (A)

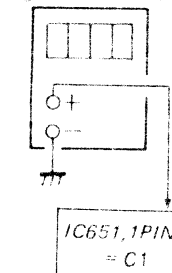


PWM LEVEL

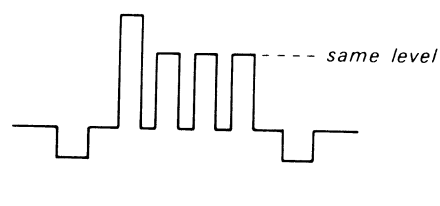
RV652 = C-1

- Adjust RV652 so that the digital multimeter (B) reading is $+3.0V \pm 0.1VDC$.

digital multimeter (B)



1. minimum and BRIGHTNESS control to Mechanical center.
2. Connect an Oscilloscope at pin (17) of IC301.
3. Set the picture control at norm, color control at minimum and BRIGHTNESS control to mechanical center.
4. Adjust L301 for minimum 4.43 MHz component.



APC ADJUSTMENT

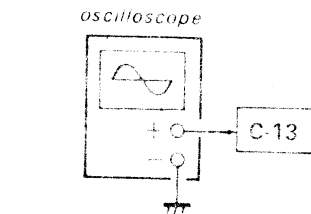
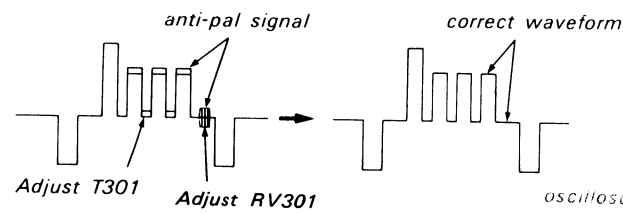
CV301 = C-12

1. Receive a color bar signal.
2. Each controls at normal*.
3. Short circuit between pin (2) and pin (3) of IC301 with a jumper.
4. Connect Resistor (100 kΩ/1/4W) between pin (24) and pin (25).
5. Adjust CV301 to obtain the stable color picture.
6. Disconnect the Resistor and jumper.

1H DL ADJUSTMENT

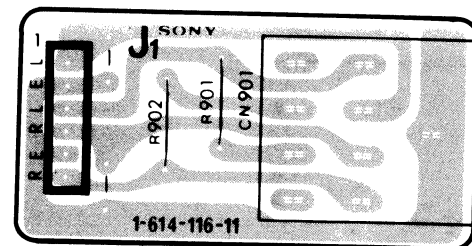
T301 = E-12, RV301 = D-12

1. Receive a color bar signal.
2. Set the picture control at Norm and color control at minimum.
3. Connect an Oscilloscope at pin (17) of IC301.
4. Get tracking with both T301 and RV301 as shown.



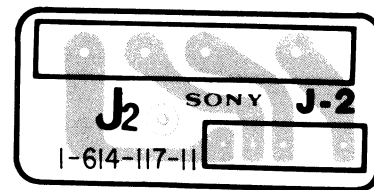
J1

[AUDIO OUTPUT]



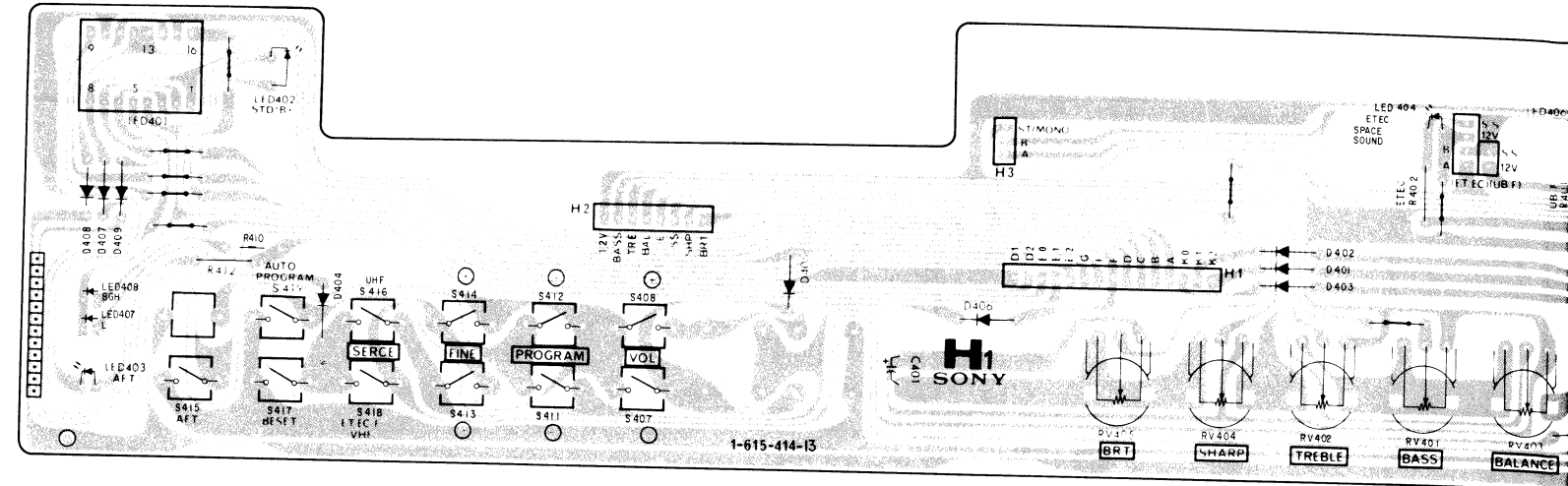
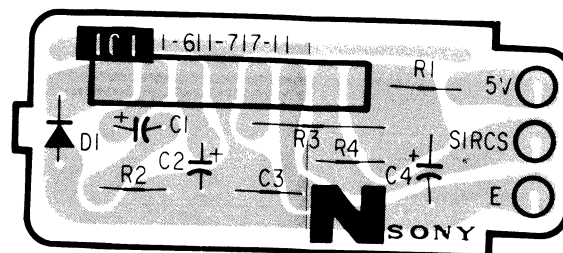
J2

[EARPHONE]



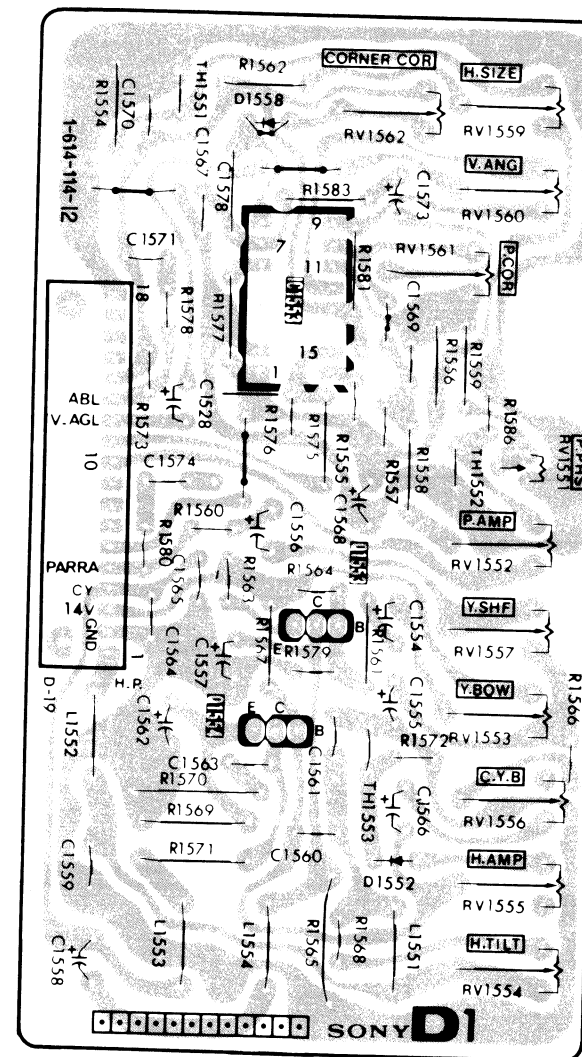
N

[REMOTE CONTROL, HEAD AMP]



D1

[PIN CTRL, Y BOW]



F

[REG OUT]

